

FB3	MUL:32	*	- FC87
FB4	DIV:32	*	- FC88
FB10	EINRICHT		- FC1
FB11	NOCKENPR		- FC2
FB12	FB-WF707		- FC3
FB15	FORZ1213		- FC4
FB21	INCR1		- FC5
FB22	AZZW		- FC6
FB23	TRASF		- FC7
FB25	TRASFK		- FC8
FB44	DB-COPY	*	- FC94
FB100	FB:ALL		- FC9
FB110	COUNTER		- FC10
FB120	ENCODER		- FC11
FB125	CALL:OP		- FC12
FB126	OP:READ		- FC13
FB127	OP:WRITE		- FC14
FB130	ANOUT		- FC15
FB238	COMPR		- FC16
FB239	DELETE		- FC17
FB240	COD:B4	*	- FC81
FB241	COD:16	*	- FC82
FB242	MUL:16	*	- FC83
FB243	DIV:16	*	- FC84
FB244	SEND		- FC18
FB245	RECEIVE		- FC19
FB246	FETCH		- FC20
FB247	CONTROL		- FC21
FB248	RESET		- FC22
FB249	SYNCHRON		- FC23
FB250	RLG:AE		- FC24
FB251	RLG:AA		- FC25
OB1			- OB1
OB20			- OB100
OB21			- OB101
OB22			- OB22
OB31			- OB31
PB1			- FC26
PB2			- FC27
PB5			- FC28
PB8			- FC29
PB9			- FC30
PB10			- FC31
PB11			- FC32
PB15			- FC33
PB20			- FC34
PB30			- FC35
PB40			- FC36
PB50			- FC37
PB130			- FC38
DB1			- DB1
DB10			- DB10
DB11			- DB11
DB20			- DB20
DB51			- DB51

DB52	- DB52
DB53	- DB53
DB54	- DB54
DB55	- DB55
DB56	- DB56
DB100	- DB100
DB120	- DB120
DB125	- DB125
DB127	- DB127

Avvertenza alla riga0 File ASCII S5:
*** FB 3Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga0 File ASCII S5:
*** FB 3Ind. rel..0H : Uscita non ammessa (n. prodotto). ***
Avvertenza alla riga0 File ASCII S5:
*** FB 4Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga0 File ASCII S5:
*** FB 4Ind. rel..0H : Uscita non ammessa (n. prodotto). ***
Avvertenza alla riga0 File ASCII S5:
*** FB 10Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga96 File ASCII S5:
*** FB 11Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga243 File ASCII S5:
*** FB 12Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga329 File ASCII S5:
*** FB 15Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga345 File ASCII S5:
*** FB 21Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga353 File ASCII S5:
*** FB 22Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga359 File ASCII S5:
*** FB 23Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga367 File ASCII S5:
*** FB 25Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga374 File ASCII S5:
*** FB 44Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga374 File ASCII S5:
*** FB 44Ind. rel..0H : Uscita non ammessa (n. prodotto). ***
Avvertenza alla riga374 File ASCII S5:
*** FB 51Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga374 File ASCII S5:
*** FB 51Ind. rel..0H : Uscita non ammessa (n. prodotto). ***
Avvertenza alla riga374 File ASCII S5:
*** FB 100Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga419 File ASCII S5:
*** FB 110Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga515 File ASCII S5:
*** FB 120Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga584 File ASCII S5:
*** FB 125Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga645 File ASCII S5:
*** FB 126Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga951 File ASCII S5:
*** FB 127Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1428 File ASCII S5:
*** FB 130Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1544 File ASCII S5:
*** FB 238Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1550 File ASCII S5:
*** FB 239Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1557 File ASCII S5:
*** FB 240Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1557 File ASCII S5:
*** FB 240Ind. rel..0H : Uscita non ammessa (n. prodotto). ***
Avvertenza alla riga1557 File ASCII S5:

```
*** FB 241Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1557 File ASCII S5:
*** FB 241Ind. rel..0H : Uscita non ammessa (n. prodotto). ***
Avvertenza alla riga1557 File ASCII S5:
*** FB 242Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1557 File ASCII S5:
*** FB 242Ind. rel..0H : Uscita non ammessa (n. prodotto). ***
Avvertenza alla riga1557 File ASCII S5:
*** FB 243Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1557 File ASCII S5:
*** FB 243Ind. rel..0H : Uscita non ammessa (n. prodotto). ***
Avvertenza alla riga1557 File ASCII S5:
*** FB 244Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1569 File ASCII S5:
*** FB 245Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1581 File ASCII S5:
*** FB 246Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1593 File ASCII S5:
*** FB 247Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1601 File ASCII S5:
*** FB 248Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1608 File ASCII S5:
*** FB 249Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1615 File ASCII S5:
*** FB 250Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga1628 File ASCII S5:
*** FB 251Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4160 File ASCII S5:
*** DB 1Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4180 File ASCII S5:
*** DB 10Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4208 File ASCII S5:
*** DB 11Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4369 File ASCII S5:
*** DB 20Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4471 File ASCII S5:
*** DB 51Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4657 File ASCII S5:
*** DB 52Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4693 File ASCII S5:
*** DB 53Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4758 File ASCII S5:
*** DB 54Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4823 File ASCII S5:
*** DB 55Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4856 File ASCII S5:
*** DB 56Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4889 File ASCII S5:
*** DB 100Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga4990 File ASCII S5:
*** DB 120Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga5246 File ASCII S5:
*** DB 125Ind. rel..0H : Manca l'intestazione. ***
Avvertenza alla riga5502 File ASCII S5:
*** DB 127Ind. rel..0H : Manca l'intestazione. ***
```

```
*** Errore alla riga      2660  (FB 238):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2677  (FB 239):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2699  (FB 244):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2721  (FB 245):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2743  (FB 246):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2761  (FB 247):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2778  (FB 248):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2795  (FB 249):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2818  (FB 250):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2839  (FB 251):  Comando non definito. **
*
      ASM 0;
*** Errore alla riga      2875  (OB  1):  Il blocco non esiste. **
*
      CALL FB 51;
*** Avvertenza alla riga      2961:
Se si tratta di S5115U, cambiare in OB 100.
*** Errore alla riga      2996  (OB  22):  Il programma in OB deve
essere formulato diversamente (p. es. tramite SFC). ***
ORGANIZATION_BLOCK OB 22
*** Errore alla riga      3024  (OB  31):  Il programma in OB deve
essere formulato diversamente (p. es. tramite SFC). ***
ORGANIZATION_BLOCK OB 31
*** Errore alla riga      3032  (OB  31):  Comando non definito. **
*
      ASM 0;
```

DBWF

```

#FB 10
#N EINRICHT
(B )
B   =   DBWF
BLD   130
L   DW  0
T   DW 16
I     1
T   DW 17
I     1
T   DW 18
I     1
T   DW 19
I     1
T   DW 20
I     1
T   DW 21
I     1
T   DW 22
I     1
T   DW 23
BLD   130
L   KH   3
B   DW 16
T   PY  0
BLD   130
L   DR  3
B   DW 22
T   PY  0
L   DL  3
B   DW 23
T   PY  0
BLD   130
L   DR  5
B   DW 20
T   PY  0
L   DL  5
B   DW 21
T   PY  0
BLD   130
L   KH   2
B   DW 16
T   PY  0
BLD   130
L   DR  4
B   DW 18
T   PY  0
L   DL  4
B   DW 19
T   PY  0
BLD   130
L   DR  6
B   DW 20
T   PY  0
L   DL  6

```

```

B    DW 21
T    PY 0
BLD      130
L    KH  1
B    DW 16
T    PY 0
BLD      130
L    DR  8
B    DW 18
T    PY 0
L    DL  8
B    DW 19
T    PY 0
BLD      130
L    DR  7
B    DW 20
T    PY 0
L    DL  7
B    DW 21
T    PY 0
BLD      130
L    DR  2
B    DW 22
T    PY 0
L    DL  2
B    DW 23
T    PY 0
BLD      130
L    KH  0
B    DW 16
T    PY 0
BLD      130
L    DL  1
B    DW 17
T    PY 0
BLD      130
L    DR  1
B    DW 18
T    PY 0
BLD      130
BE
#FB 11
#N NOCKENPR
(B )
(B )
(E )
B    =  DBWF
BLD      130
L    DW  0
T    MW 240
I      4
T    MW 242
I      1
T    MW 244
I      1

DBWF
DBNO
H/L
```

	T	MW	246
	I		1
	T	MW	248
	BLD		130
	B	=	DBNO
	BLD		130
	BLD		130
	L	KH	0
	B	MW	240
	T	PY	0
	BLD		130
	U	=	H/L
	SPB	=	M001
	BLD		130
	BLD		130
	L	KH	0
	B	MW	242
	T	PY	0
	L	KH	80
	B	MW	244
	T	PY	0
	BLD		130
	SPA	=	M002
	BLD		130
M001	BLD		130
	L	KH	0
	B	MW	242
	T	PY	0
	L	KH	82
	B	MW	244
	T	PY	0
	BLD		130
M002	BLD		130
	L	KH	0
M003	T	MW	254
	BLD		130
	B	MW	254
	L	DR	0
	B	MW	246
	T	PY	0
	L	KH	0
	B	MW	248
	T	PY	0
	BLD		130
	L	MW	254
	I		1
	T	MW	254
	BLD		130
	B	MW	254
	L	DR	0
	B	MW	246
	T	PY	0
	B	MW	254
	L	DL	0
	B	MW	248

T	PY	0
BLD		130
L	MW	254
I		1
T	MW	254
BLD		130
B	MW	254
L	DR	0
B	MW	246
T	PY	0
B	MW	254
L	DL	0
B	MW	248
T	PY	0
BLD		130
L	MW	254
I		1
T	MW	254
BLD		130
B	MW	254
L	DR	0
B	MW	246
T	PY	0
B	MW	254
L	DL	0
B	MW	248
T	PY	0
BLD		130
L	MW	254
I		1
T	MW	254
BLD		130
B	MW	254
L	DR	0
B	MW	246
T	PY	0
B	MW	254
L	DL	0
B	MW	248
T	PY	0
BLD		130
L	KH	0
B	MW	246
T	PY	0
B	MW	248
T	PY	0
B	MW	246
T	PY	0
B	MW	248
T	PY	0
B	MW	246
T	PY	0
B	MW	248
T	PY	0
BLD		130

```

L    MW 254
I    1
T    MW 254
L    KH  A0
<F
SPB =  M003
BLD   130
L    KH  0
B    MW 242
T    PY 0
B    MW 244
T    PY 0
BLD   130
B    =  DBWF
BLD   130
B    DW 18
L    PY 0
T    DR 13
B    DW 19
L    PY 0
T    DL 13
BLD   130
BE
#FB 12
#N FB-WF707
(B )
B    =  DBWF
BLD   130
L    KH  1
B    DW 16
T    PY 0
BLD   130
L    DR 7
B    DW 20
T    PY 0
L    DL 7
B    DW 21
T    PY 0
BLD   130
L    DL 1
B    DW 17
T    PY 0
BLD   130
L    KH  2
B    DW 16
T    PY 0
BLD   130
L    DR 6
B    DW 20
T    PY 0
L    DL 6
B    DW 21
T    PY 0
BLD   130
L    KH  0
DBWF
```

```
B    DW 16
T    PY 0
BLD      130
B    DW 16
L    PY 0
T    DR 10
B    DW 17
L    PY 0
T    DL 10
BLD      130
B    DW 18
L    PY 0
T    DR 13
B    DW 19
L    PY 0
T    DL 13
BLD      130
B    DW 20
L    PY 0
T    DR 12
B    DW 21
L    PY 0
T    DL 12
BLD      130
L    KH    1
B    DW 16
T    PY 0
BLD      130
B    DW 18
L    PY 0
T    DR 11
B    DW 19
L    PY 0
T    DL 11
BLD      130
B    DW 20
L    PY 0
T    DR 15
B    DW 21
L    PY 0
T    DL 15
BLD      130
L    KH    2
B    DW 16
T    PY 0
BLD      130
B    DW 20
L    PY 0
T    DR 14
B    DW 21
L    PY 0
T    DL 14
BLD      130
BE
#FB 15
```

```

#N FORZ1213
A   DB 10
P   D 15.15
SPB = M001
BLD 130
U   M 0.0
=   M 62.3
=   M 62.4
BLD 130
BEA
BLD 130
M001 U   M 0.1
      =   M 62.3
      =   M 62.4
BE
#FB 21
#N INCR1
WIN  (EW)
      L   = WIN
      L   KF +1
      +F
      T   = WIN
BE
#FB 22
#N AZZW
WAZZ (EW)
      L   KF +0
      T   = WAZZ
BE
#FB 23
#N TRASF
WIN  (EW)
WOUT (AW)
      L   = WIN
      T   = WOUT
BLD 130
BE
#FB 25
#N TRASFK
      L   KF +251
      T   DW 23
      L   KF +61
      T   DW 24
BE
#FB 100
#N FB:ALL
UN   E 21.5
SPB = M001
BLD 130
      L   KF +0
      T   MW 10
      T   MW 12
      T   MW 14
      T   MW 16
      T   MW 18

```

```
M001      BLD      130
          A   DB  54
          BLD      130
          L   MB  10
          T   DR   0
          BLD      130
          L   MB  11
          T   DL   0
          BLD      130
          L   MB  12
          T   DR   1
          BLD      130
          L   MB  13
          T   DL   1
          BLD      130
          L   MB  14
          T   DR   2
          BLD      130
          L   MB  15
          T   DL   2
          BLD      130
          L   MB  16
          T   DR   3
          BLD      130
          L   MB  17
          T   DL   3
          BLD      130
          L   MB  18
          T   DR   4
          BLD      130
          L   MB  19
          T   DL   4
          BLD      130
          BE
          #FB 110
          #N COUNTER
          A   DB  20
          BLD      130
          U   E  12.5
          L   DW  14
          SV  T   41
          U   M  42.1
          R   T   41
          NOP      0
          NOP      0
          U   T   41
          =   M  43.2
          BLD      130
          U   M  43.2
          U   M  42.0
          =   M  42.1
          U   M  42.1
          R   M  42.0
          UN  M  43.2
          S   M  42.0
```

```
NOP      0
BLD      130
U   E   13.5
U   M   42.2
=   M   42.3
U   M   42.3
R   M   42.2
UN  E   13.5
S   M   42.2
NOP      0
BLD      130
***
A   DB  20
BLD      130
U   M   42.1
SPB FB  21
,DW      51
BLD      130
U   M   42.1
SPB FB  21
,DW      52
BLD      130
U   M   42.3
SPB FB  21
,DW      53
BLD      130
U   M   42.3
SPB FB  21
,DW      54
BLD      130
***
L   DW  50
L   KF   +1
!=F
SPB =  M001
BLD      130
L   DW  50
L   KF   +2
!=F
SPB =  M002
BLD      130
L   DW  50
L   KF   +4
!=F
SPB =  M003
BLD      130
L   DW  50
L   KF   +8
!=F
SPB =  M004
BLD      130
L   KF   +0
T   DW  50
BLD      130
BEA
```

```

M001      BLD      130
           L      KF      +0
           T      DW 50
           T      DW 51
           BEA
M002      BLD      130
           L      KF      +0
           T      DW 50
           T      DW 52
           BEA
M003      BLD      130
           L      KF      +0
           T      DW 50
           T      DW 53
           BEA
M004      BLD      130
           L      KF      +0
           T      DW 50
           T      DW 54
           BE
           #FB 120
           #N ENCODER
KOFF      (KF)
KMUL      (KF)
KDIV      (KF)
DBRD      (B )
WRRD      (EW)
DBWR      (B )
WRWR      (AW)
           A      DB 120
           BLD      130
           LW      = KOFF
           T      DW 14
           BLD      130
           L      KF      +0
           T      DW 0
           BLD      130
           B      = DBRD
           L      = WRRD
           BLD      130
           A      DB 120
           T      DW 1
           BLD      130
           L      KF      +0
           T      DW 2
           BLD      130
           LW      = KMUL
           T      DW 3
           BLD      130
           SPA FB 3
           ,DW      0
           ,DW      1
           ,DW      2
           ,DW      3
           ,M      120.0

```

```
,DW      4
,DW      5
,DW      6
,DW      7
BLD      130
L    KF   +0
T    DW   8
BLD      130
LW  =  KDIV
T    DW   9
BLD      130
SPA FB   4
,DW      6
,DW      7
,DW      8
,DW      9
,M       120.1
,M       120.2
,M       120.3
,M       120.4
,DW      10
,DW      11
,DW      12
,DW      13
BLD      130
L    DW   11
L    DW   14
+F
T    DW   15
BLD      130
B    =  DBWR
T    =  WRWR
BLD      130
BE
#FB 125
#N CALL:0P
A    DB   52
BLD      130
L    DR   10
L    KF   +7
!=F
=    M    125.0
BLD      130
L    DR   10
L    KF   +8
!=F
=    M    125.1
BLD      130
L    DR   10
L    KF   +12
!=F
=    M    125.2
BLD      130
L    DR   10
L    KF   +13
```



```
!=F
= M 125.3
BLD 130
A DB 127
BLD 130
L DW 200
L KF +1
!=F
= M 125.4
BLD 130
L DW 200
L KF +2
!=F
= M 125.5
BLD 130
U(
O M 125.0
O M 125.2
)
UN M 125.6
= M 125.7
BLD 130
O M 125.0
O M 125.2
= M 125.6
BLD 130
U M 125.7
SPB FB 126
BLD 130
UN E 16.7
U(
U M 125.1
U M 125.4
O
U M 125.3
U M 125.5
)
SPB FB 127
BLD 130
BE
#FB 126
#N OP:READ
SPA FB 120
, KF +0
, KF +40
, KF +912
, DB 11
, DW 1
, DB 127
, DW 1
BLD 130
SPA FB 120
, KF +0
, KF +40
, KF +912
```

```
,DB      11
,DW      2
,DB      127
,DW      2
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      6
,DB      127
,DW      3
BLD      130
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      7
,DB      127
,DW      4
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      11
,DB      127
,DW      5
BLD      130
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      12
,DB      127
,DW      6
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      16
,DB      127
,DW      7
BLD      130
SPA FB 120
,KF      +0
```

```
,KF      +40
,KF      +912
,DB      11
,DW      17
,DB      127
,DW      8
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      21
,DB      127
,DW      9
BLD      130
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      22
,DB      127
,DW      10
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      26
,DB      127
,DW      11
BLD      130
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      27
,DB      127
,DW      12
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      31
,DB      127
,DW      13
BLD      130
```

SPA FB 120
,KF +0
,KF +40
,KF +912
,DB 11
,DW 32
,DB 127
,DW 14
BLD 130

SPA FB 120
,KF +0
,KF +40
,KF +912
,DB 11
,DW 36
,DB 127
,DW 15
BLD 130

SPA FB 120
,KF +0
,KF +40
,KF +912
,DB 11
,DW 37
,DB 127
,DW 16
BLD 130

SPA FB 120
,KF +0
,KF +40
,KF +912
,DB 11
,DW 41
,DB 127
,DW 17
BLD 130

SPA FB 120
,KF +0
,KF +40
,KF +912
,DB 11
,DW 42
,DB 127
,DW 18
BLD 130

SPA FB 120
,KF +0
,KF +40
,KF +912
,DB 11
,DW 46
,DB 127

```
,DW      19
BLD      130
SPA FB   120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      47
,DB      127
,DW      20
BLD      130
***
SPA FB   120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      51
,DB      127
,DW      21
BLD      130
SPA FB   120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      52
,DB      127
,DW      22
BLD      130
***
SPA FB   120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      56
,DB      127
,DW      23
BLD      130
SPA FB   120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      57
,DB      127
,DW      24
BLD      130
***
SPA FB   120
,KF      +0
,KF      +40
,KF      +912
,DB      11
```

```
,DW      61
,DB      127
,DW      25
BLD      130
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      62
,DB      127
,DW      26
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      66
,DB      127
,DW      27
BLD      130
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      67
,DB      127
,DW      28
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      71
,DB      127
,DW      29
BLD      130
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      72
,DB      127
,DW      30
BLD      130
***
SPA FB 120
,KF      +0
,KF      +40
```

```
,KF      +912
,DB      11
,DW      76
,DB      127
,DW      31
BLD      130
SPA FB 120
,KF      +0
,KF      +40
,KF      +912
,DB      11
,DW      77
,DB      127
,DW      32
BLD      130
BE
#FB 127
#N OP:WRITE
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      101
,DB      11
,DW      1
BLD      130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      102
,DB      11
,DW      2
BLD      130
***
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      103
,DB      11
,DW      6
BLD      130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      104
,DB      11
,DW      7
BLD      130
```

```
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      105
, DB      11
, DW      11
BLD      130
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      106
, DB      11
, DW      12
BLD      130
***
```

```
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      107
, DB      11
, DW      16
BLD      130
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      108
, DB      11
, DW      17
BLD      130
***
```

```
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      109
, DB      11
, DW      21
BLD      130
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      110
, DB      11
```



```
,DW      22
BLD      130
***
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      111
,DB      11
,DW      26
BLD      130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      112
,DB      11
,DW      27
BLD      130
***
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      113
,DB      11
,DW      31
BLD      130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      114
,DB      11
,DW      32
BLD      130
***
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      115
,DB      11
,DW      36
BLD      130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
```

```
,DW      116
,DB      11
,DW      37
BLD      130
***
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      117
,DB      11
,DW      41
BLD      130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      118
,DB      11
,DW      42
BLD      130
***
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      119
,DB      11
,DW      46
BLD      130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      120
,DB      11
,DW      47
BLD      130
***
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      121
,DB      11
,DW      51
BLD      130
SPA FB 120
,KF      +0
,KF      +912
```

```
,KF      +40
,DB      127
,DW      122
,DB      11
,DW      52
BLD      130
***
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      123
,DB      11
,DW      56
BLD      130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      124
,DB      11
,DW      57
BLD      130
***
A   DB 127
BLD 130
L   DW 132
L   KF  +5
+F
T   DW 125
BLD 130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      125
,DB      11
,DW      61
BLD      130
A   DB 127
BLD 130
L   DW 123
T   DW 126
BLD 130
SPA FB 120
,KF      +0
,KF      +912
,KF      +40
,DB      127
,DW      126
,DB      11
,DW      62
```

```
BLD      130
***
A   DB 127
BLD      130
L   DW 130
T   DW 127
BLD      130
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      127
, DB      11
, DW      66
BLD      130
A   DB 127
BLD      130
L   DW 132
T   DW 128
BLD      130
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      128
, DB      11
, DW      67
BLD      130
***
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      129
, DB      11
, DW      71
BLD      130
SPA FB 120
, KF      +0
, KF      +912
, KF      +40
, DB      127
, DW      130
, DB      11
, DW      72
BLD      130
***
A   DB 127
BLD      130
L   DW 132
L   KF   +10
-F
```

```
T    DW 131
BLD   130
SPA FB 120
, KF   +0
, KF   +912
, KF   +40
, DB   127
, DW   131
, DB   11
, DW   76
BLD   130
SPA FB 120
, KF   +0
, KF   +912
, KF   +40
, DB   127
, DW   132
, DB   11
, DW   77
BLD   130
* * *
```

```
A    DB 127
BLD   130
L     DW 133
T     DW 33
BLD   130
L     DW 134
T     DW 34
BLD   130
L     DW 135
T     DW 35
BLD   130
L     DW 136
T     DW 36
BLD   130
L     DW 137
T     DW 37
BLD   130
L     DW 138
T     DW 38
BLD   130
L     DW 139
T     DW 39
BLD   130
L     DW 140
T     DW 40
BLD   130
L     DW 141
T     DW 41
BLD   130
L     DW 142
T     DW 42
BLD   130
L     DW 143
T     DW 43
```

BLD		130
L	DW	144
T	DW	44
BLD		130
L	DW	145
T	DW	45
BLD		130
L	DW	146
T	DW	46
BLD		130
L	DW	147
T	DW	47
BLD		130
L	DW	148
T	DW	48
BLD		130
L	DW	149
T	DW	49
BLD		130
L	DW	150
T	DW	50
BLD		130
L	DW	151
T	DW	51
BLD		130
L	DW	152
T	DW	52
BLD		130
L	DW	153
T	DW	53
BLD		130
L	DW	154
T	DW	54
BLD		130
L	DW	155
T	DW	55
BLD		130
L	DW	156
T	DW	56
BLD		130
L	DW	157
T	DW	57
BLD		130
L	DW	158
T	DW	58
BLD		130
L	DW	159
T	DW	59
BLD		130
L	DW	160
T	DW	60
BLD		130
L	DW	161
T	DW	61
BLD		130

```

L    DW 162
T    DW 62
BLD      130
L    DW 163
T    DW 63
BLD      130
L    DW 164
T    DW 64
BLD      130
L    DW 201
T    DW 221
BLD      130
L    DW 202
T    DW 222
BLD      130
L    DW 203
T    DW 223
BLD      130
L    DW 204
T    DW 224
BLD      130
L    DW 205
T    DW 225
BLD      130
L    DW 206
T    DW 226
BLD      130
* * *
A    DB 127
BLD      130
L    KF  +1000
T    DW 170
BLD      130
SPA  FB 242
, DW      226
, DW      170
, M      127.7
, DW      171
, DW      172
BLD      130
L    DW 172
A    DB 11
T    DW 79
BLD      130
* * *
A    DB 127
BLD      130
L    KF  +0
T    DW 200
BLD      130
S    M  127.0
BLD      130
BE
#FB 130
#N ANOUT

```

KOFF	(KF)
KMUL	(KF)
KDIV	(KF)
KBAS	(KF)
DBRD	(B)
WRRD	(EW)
WRWR	(AW)

	A	DB	127
	BLD		130
	LW	=	KOFF
	T	DW	244
	BLD		130
	L	KF	+0
	T	DW	240
	BLD		130
	LW	=	KBAS
	L	KF	+0
	!=F		
	SPB	=	M001
	BLD		130
	LW	=	KBAS
	L	KF	+1
	!=F		
	SPB	=	M002
	BLD		130
	LW	=	KBAS
	L	KF	+2
	!=F		
	SPB	=	M003
	BLD		130
M001	U	M	28.1
	SPB	=	M004
	BLD		130
	SPA	=	M005
	BLD		130
M004	L	KF	-6000
	T	=	WRWR
	BEA		
	BLD		130
M005	B	=	DBRD
	L	=	WRRD
	BLD		130
	A	DB	127
	T	DW	241
	SPA	=	M006
	BLD		130
M002	A	DB	127
	L	DW	221
	B	=	DBRD
	L	=	WRRD
	-F		
	A	DB	127
	T	DW	241
	SPA	=	M007
	BLD		130

M003	A	DB	127
	L	DW	221
	B	=	DBRD
	L	=	WRRD
	+F		
	A	DB	127
	T	DW	241
	BLD		130
M007	L	DW	241
	L	KF	+0
	>F		
	SPB	=	M006
	BLD		130
	L	KF	+0
	T	DW	241
	BLD		130
M006	L	KF	+0
	T	DW	242
	BLD		130
	LW	=	KMUL
	T	DW	243
	BLD		130
	SPA	FB	3
	,DW		240
	,DW		241
	,DW		242
	,DW		243
	,M		130.0
	,DW		244
	,DW		245
	,DW		246
	,DW		247
	BLD		130
	L	KF	+0
	T	DW	248
	BLD		130
	LW	=	KDIV
	T	DW	9
	BLD		130
	SPA	FB	4
	,DW		246
	,DW		247
	,DW		248
	,DW		249
	,M		130.1
	,M		130.2
	,M		130.3
	,M		130.4
	,DW		250
	,DW		251
	,DW		252
	,DW		253
	BLD		130
	L	DW	251
	L	DW	254

	+F
	T = WRWR
	BLD 130
	BE
	#FB 238
	#N COMPR
AKT	(A)
ERR	(A)
	ASM 0
	BE
	#FB 239
	#N DELETE
TYPE	(EW)
NUM	(EB)
ERR	(AB)
	ASM 0
	BE
	#FB 244
	#N SEND
SSNR	(KY)
A-NR	(KY)
ANZW	(EW)
QTYP	(KC)
DBNR	(KY)
QANF	(KF)
QLAE	(KF)
PAFE	(AB)
	ASM 0
	BE
	#FB 245
	#N RECEIVE
SSNR	(KY)
A-NR	(KY)
ANZW	(EW)
ZTYP	(KC)
DBNR	(KY)
ZANF	(KF)
ZLAE	(KF)
PAFE	(AB)
	ASM 0
	BE
	#FB 246
	#N FETCH
SSNR	(KY)
A-NR	(KY)
ANZW	(EW)
ZTYP	(KC)
DBNR	(KY)
ZANF	(KF)
ZLAE	(KF)
PAFE	(AB)
	ASM 0
	BE
	#FB 247
	#N CONTROL

SSNR	(KY)
A-NR	(KY)
ANZW	(EW)
PAFE	(AB)
	ASM 0
	BE
	#FB 248
	#N RESET
SSNR	(KY)
A-NR	(KY)
PAFE	(AB)
	ASM 0
	BE
	#FB 249
	#N SYNCHRON
SSNR	(KY)
BLGR	(KY)
PAFE	(AB)
	ASM 0
	BE
	#FB 250
	#N RLG:AE
BG	(KF)
KNKT	(KY)
OGR	(KF)
UGR	(KF)
EINZ	(E)
XA	(AW)
FB	(A)
BU	(A)
TBIT	(A)
	ASM 0
	BE
	#FB 251
	#N RLG:AA
XE	(EW)
BG	(KF)
KNKT	(KY)
OGR	(KF)
UGR	(KF)
FEH	(A)
BU	(A)
	ASM 0
	BE
	#OB 1
	SPA PB 1
	SPA PB 2
	SPA PB 5

	U M 127.0
	SPB PB 20

	SPA FB 12
	,DB 10

```

L    KY    51,0
SPB  FB  51
T    MW  100
***
SPA  FB  100
***
SPA  FB  110
***
SPA  FB  120
, KF      +0
, KF      +40
, KF      +912
, DB      10
, DW      10
, DB      125
, DW      1
***
SPA  FB  125
***
A    DB  100
SPA  PB  8
SPA  PB  9
SPA  PB  10
SPA  PB  11
SPA  PB  30
SPA  PB  40
***
A    DB  10
SPA  PB  15
***
A    DB  100
SPA  PB  50
***
U(
ON  E  16.7
O   E  16.7
)
U    M  0.3
O    M  28.1
SPB  PB  130
***
UN   A  61.6
=    A  61.6
BE
#OB  20
SPA  FB  10
, DB      10
BLD      130
U    M  255.0
R    M  255.0
BLD      130
SPA  FB  11
, DB      10
, DB      11
, M      255.0

```

```
A    DB 51
BLD   130
L    KF  +1
T    DW 64
BE
#OB 21
SPA FB 10
, DB  10
BLD   130
U    M 255.0
R    M 255.0
BLD   130
SPA FB 11
, DB  10
, DB  11
, M   255.0
***
```

```
A    DB 51
BLD   130
L    KF  +1
T    DW 64
BE
#OB 22
SPA FB 10
, DB  10
BLD   130
U    M 255.0
R    M 255.0
BLD   130
SPA FB 11
, DB  10
, DB  11
, M   255.0
***
```

```
A    DB 51
BLD   130
L    KF  +1
T    DW 64
BE
#OB 31
ASM   0
BE
#PB 1
A    DB 120
L    DW 11
A    DB 125
T    DW 31
BLD   130
BLD   130
A    DB 10
L    DR 14
T    MB 4
L    DL 14
T    MB 5
```

```
BE
#PB 2
A   DB 125
L   DW 1
A   DB 127
T   DW 165
***

L   DW 165
L   DW 133
>=F
=   M 6.0
***

L   DW 165
L   DW 134
<=F
=   M 6.1
***

L   DW 134
L   DW 133
>F
=   M 6.2
***

L   DW 133
L   DW 134
>F
=   M 6.3
***

U   M 6.0
U   M 6.1
U   M 6.2
O
U(
O   M 6.0
O   M 6.1
)
U   M 6.3
=   M 1.0
***

L   DW 165
L   DW 135
>=F
=   M 6.4
***

L   DW 165
L   DW 136
<=F
=   M 6.5
***

L   DW 136
L   DW 135
>F
=   M 6.6
***

L   DW 135
L   DW 136
```

```

>F
= M 6.7
***
U M 6.4
U M 6.5
U M 6.6
O
U(
O M 6.4
O M 6.5
)
U M 6.7
= M 1.1
***
L DW 165
L DW 137
>=F
= M 7.0
***
L DW 165
L DW 138
<=F
= M 7.1
***
L DW 138
L DW 137
>F
= M 7.2
***
L DW 137
L DW 138
>F
= M 7.3
***
U M 7.0
U M 7.1
U M 7.2
O
U(
O M 7.0
O M 7.1
)
U M 7.3
= M 1.2
***
L DW 165
L DW 139
>=F
= M 7.4
***
L DW 165
L DW 140
<=F
= M 7.5
***

```

```
L    DW 140
L    DW 139
>F
=    M   7.6
***

L    DW 139
L    DW 140
>F
=    M   7.7
***

U    M   7.4
U    M   7.5
U    M   7.6
O
U(
O    M   7.4
O    M   7.5
)
U    M   7.7
=    M   1.3
***

L    DW 165
L    DW 141
>=F
=    M   8.0
***

L    DW 165
L    DW 142
<=F
=    M   8.1
***

L    DW 142
L    DW 141
>F
=    M   8.2
***

L    DW 141
L    DW 142
>F
=    M   8.3
***

U    M   8.0
U    M   8.1
U    M   8.2
O
U(
O    M   8.0
O    M   8.1
)
U    M   8.3
=    M   1.4
***

L    DW 165
L    DW 143
>=F
```



```
=      M   8.4
***
L      DW 165
L      DW 144
<=F
=      M   8.5
***
L      DW 144
L      DW 143
>F
=      M   8.6
***
L      DW 143
L      DW 144
>F
=      M   8.7
***
U      M   8.4
U      M   8.5
U      M   8.6
O
U(
O      M   8.4
O      M   8.5
)
U      M   8.7
=      M   1.5
***
L      DW 165
L      DW 145
>=F
=      M   9.0
***
L      DW 165
L      DW 146
<=F
=      M   9.1
***
L      DW 146
L      DW 145
>F
=      M   9.2
***
L      DW 145
L      DW 146
>F
=      M   9.3
***
U      M   9.0
U      M   9.1
U      M   9.2
O
U(
O      M   9.0
O      M   9.1
```

```

)
U    M    9.3
=    M    1.6
***
L    DW 165
L    DW 147
>=F
=    M    9.4
***
L    DW 165
L    DW 148
<=F
=    M    9.5
***
L    DW 148
L    DW 147
>F
=    M    9.6
***
L    DW 147
L    DW 148
>F
=    M    9.7
***
U    M    9.4
U    M    9.5
U    M    9.6
O
U(
O    M    9.4
O    M    9.5
)
U    M    9.7
=    M    1.7
BE
#PB 5
UN   A    52.0
UN   A    52.1
O    A    52.2
O    E    13.2
=    M    58.1
***
O    E    13.2
O
U(
O    E    13.3
O
U    E    13.4
U(
ON   E    16.6
ON   E    27.0
O    M    5.2
)
)
U    A    52.0

```

```
=      M  58.2
***
UN     M  12.7
UN     M  12.5
UN     M  14.0
UN     M  13.4
UN     M  12.6
UN     M  15.3
UN     M  15.4
=      M  58.4
***
UN     A  53.0
UN     M  17.1
UN     M  17.2
UN     M  17.3
UN     M  15.5
UN     M  14.7
UN     M  13.6
=      M  58.5
***
UN     M  10.0
UN     M  10.1
UN     M  10.2
UN     M  10.3
UN     M  10.4
UN     M  10.5
=      M  58.6
***
UN     M  10.6
UN     M  54.2
UN     M  15.2
UN     M  13.1
UN     M  57.3
UN     M  15.0
=      M  58.7
***
UN     M  55.0
=      M  59.0
***
UN     E  25.5
U      M  59.3
=      M  59.2
U      M  59.2
R      M  59.3
U      E  25.5
S      M  59.3
NOP      0
***
UN     E  16.7
UN     M  55.0
O      E  21.5
S      M  59.4
***
U      M  59.2
U      M  55.0
```

```

R      M      59.4
***
U      M      58.1
U      M      58.2
U      M      58.4
U      M      58.5
U(
U      M      58.6
U      M      58.7
U      M      59.0
O      M      59.4
)
=      M      59.1
***
U      M      59.1
U      M      43.0
UN     M      57.3
=      A      29.1
***
U      M      59.1
U(
O      E      13.2
O      E      13.3
)
U      M      1.4
=      M      42.5
***
U      M      59.1
U(
O      E      13.2
O
U      E      17.1
U      E      16.7
U      E      16.6
O
U      E      27.0
U      M      0.0
UN     M      15.5
U      A      52.2
O
U(
O      E      13.3
O      E      13.4
)
U(
O      E      16.6
O      E      27.0
)
)
=      M      42.6
***
U      E      27.1
U      M      43.4
=      M      43.3
U      M      43.3

```

```

R    M    43.4
UN   E    27.1
S    M    43.4
NOP      0
***
UN   E    27.1
U    M    43.6
=    M    43.5
U    M    43.5
R    M    43.6
U    E    27.1
S    M    43.6
NOP      0
***
O    M    43.3
O    M    43.5
L    KT    010.0
SI   T    22
NOP      0
NOP      0
NOP      0
U    T    22
=    M    43.7
***
UN   A    52.0
UN   A    52.1
UN   M    49.1
U    E    13.2
U    E    12.0
=    M    49.0
***
UN   A    52.0
UN   A    52.1
=    M    49.1
***
U    M    49.0
U    E    13.2
L    KT    600.1
SA   T    40
ON   E    13.2
ON   E    12.0
R    T    40
NOP      0
NOP      0
U    T    40
=    M    49.2
***
O    E    13.4
O
U    E    13.2
UN   A    52.0
UN   A    52.1
U    M    49.2
O
U    M    59.1

```

```

U    E    13.2
U    E    27.0
UN   E    25.5
U    M    0.0
O    M    42.5
O
UN   A    52.2
U(
U    A    52.1
U(
ON   E    27.1
O    M    43.7
)
O
U    A    52.0
U(
O    E    27.1
O    M    43.7
)
)
=    M    42.7
***
U    M    42.6
U    M    42.7
UN   M    15.4
=    M    43.0
BE
#PB  8
U(
U    M    59.1
U    M    0.4
U    E    13.4
U    A    53.2
UN   E    16.0
L    DW   16
SE   T    21
NOP          0
NOP          0
NOP          0
U    T    21
)
UN   E    16.6
=    M    59.5
***
U    E    13.4
U    M    43.0
U    M    41.1
U    A    52.0
=    M    43.1
***
U(
O    M    1.0
O    A    28.6
)
U    M    28.0

```

```

U    M  43.1
=    A  28.6
***
U(
U    A  52.0
UN   E  16.6
O    M  1.2
)
U(
O    E  25.2
ON   E  25.2
)
=    M  40.3
***
U    M  59.1
U(
U    E  13.4
U(
O    E  16.6
O    M  40.1
)
O    E  13.2
)
=    M  40.6
***
U    E  27.0
UN   M  14.5
U    E  24.7
=    M  42.4
***
U    E  13.4
U    M  41.1
UN   M  42.2
U    M  0.0
=    M  40.4
***
U    E  20.6
U    E  19.3
U    E  19.4
UN   M  13.4
UN   M  13.6
UN   M  15.0
=    M  40.5
***
U    M  40.6
U    E  13.4
U    M  40.3
U(
U    M  40.2
U(
O    E  27.0
O    E  16.6
ON   M  5.2
ON   A  28.6
)

```

```

O
U    M    42.4
U(
O    M    40.5
O    E    23.2
O
U    M    40.1
U(
O    E    23.0
O    E    23.1
)
)
)
=    M    40.2
***
U    M    40.6
U    E    20.7
U    E    21.0
U(
U(
O    M    40.5
O    E    23.2
)
UN   E    16.0
O    M    41.1
)
U(
O    E    21.1
O
U    E    21.2
U    M    40.7
)
=    M    41.0
***
U    M    41.0
UN   M    59.5
UN   M    13.5
UN   M    13.6
UN   M    15.0
UN   M    15.7
=    M    41.1
***
U    M    59.1
U    E    13.2
U(
O    M    1.3
O    E    27.0
)
=    M    40.7
***
U    M    59.1
U    E    21.0
U    E    20.7
UN   M    59.5
U(

```



```

0    E    23.0
0    E    23.1
0
U    M    40.1
U    M    40.2
)
=    M    40.1
***
U    M    59.1
U(
U    E    21.0
U    E    20.7
U    M    28.0
U    M    41.3
0    M    41.1
)
=    M    41.3
***
U    M    59.1
U(
U    M    41.3
U    M    41.1
U(
0    E    13.2
0    E    13.4
0
U    E    16.5
UN   E    16.4
0    M    28.0
0    M    28.1
)
0
U    E    13.4
U    A    28.6
U    E    16.6
)
UN   M    15.7
=    M    41.4
***
U    M    41.4
U    E    12.0
U    E    19.4
=    A    29.2
***
U    E    13.4
U(
UN   E    16.4
U    E    16.5
0    M    46.5
0
U    E    13.4
UN   M    60.5
)
UN   E    23.4
=    M    46.5

```

U	E	23.4
S	M	60.5
UN	A	53.2
R	M	60.5
NOP		0

U	E	12.0
=	A	29.3

U	E	12.0
U	E	19.4
U	E	19.0
=	A	28.0

U	M	41.4
U	E	21.1
UN	M	28.1
U(		
U	M	46.5
UN	M	57.3
UN	M	55.0
0	M	1.5
0	E	13.2
0	E	13.3

)

U(		
0	A	52.2
ON	E	13.4
)		
=	M	28.0

U	M	41.4
U	M	40.7
UN	M	28.0
U	E	21.2
=	M	28.1

U	M	40.2
U(		
U	E	16.5
UN	E	25.5
0	M	41.5

)

U(		
0	E	16.6
0	M	41.1

)

U(		
U	M	46.5
UN	M	57.3
UN	M	55.0
0	M	1.5
0	E	13.2
0	E	13.3

```

)
= M 41.6
***
U M 59.1
U E 13.2
U(
O E 23.5
O E 23.6
)
U(
O M 1.2
O E 27.0
O
U M 40.7
U E 21.2
)
= M 41.7
***
U(
O M 41.6
O M 41.7
)
U(
O M 28.0
O
U M 28.1
U M 40.7
)
= M 41.5
***
U M 41.5
U(
O A 52.2
ON E 13.4
)
= A 53.2
***
U E 22.7
= A 53.3
***
UN E 16.7
U M 65.0
= M 65.1
U M 65.1
R M 65.0
U E 16.7
S M 65.0
NOP 0
***
U M 65.1
U E 13.2
L KT 025.0
SA T 39
NOP 0
NOP 0

```

```

NOP      0
U      T  39
=      M  65.2
***
U(
O      E  16.7
O      M  65.2
)
U      E  13.2
=      A  28.7
BE
#PB 9
U      E  26.0
U      M  45.2
=      M  45.1
U      M  45.1
R      M  45.2
UN     E  26.0
S      M  45.2
NOP      0
***
U      M  45.1
UN     M  45.3
S      M  45.3
S      M  45.4
***
U      M  45.1
U      M  45.3
UN     M  45.4
R      M  45.3
***
UN     M  0.0
R      M  45.4
***
ON     M  1.1
ON     E  16.0
=      M  57.7
***
U      A  52.2
U      E  13.4
U      M  28.0
UN     M  55.0
U      M  45.3
UN     M  13.5
U      E  18.4
O
UN     E  18.4
U      E  18.5
=      M  45.0
***
U(
U      M  45.0
L      KT  050.0
SE     T  18
NOP      0

```

```

NOP      0
NOP      0
U    T   18
)
U    M   57.7
=    A   28.2
***
UN    M   13.5
U    E   18.4
U(
U    E   18.3
UN    E   18.1
O
U    E   18.2
UN    E   18.0
)
O
UN    E   18.4
U    E   18.6
=    M   46.4
***
U    M   46.4
L    KT   005.1
SE    T   19
NOP      0
NOP      0
NOP      0
U    T   19
=    M   47.3
***
U(
U    M   47.3
L    DW   17
SA    T   27
NOP      0
NOP      0
NOP      0
U    T   27
)
UN    M   45.0
=    A   28.3
***
U    E   17.6
U    E   13.4
U    M   28.0
UN    A   29.5
L    DW   18
SA    T   23
NOP      0
NOP      0
NOP      0
U    T   23
=    M   46.2
***
U    M   46.2

```

```

U    E  17.6
O
UN   E  17.6
U    E  17.3
=    A  29.4
***
UN   E  17.6
U    E  17.4
UN   E  17.3
UN   A  29.4
=    A  29.5
***
U    E  18.3
U    E  18.1
U    E  17.5
O
U    E  18.2
U    E  18.0
U    E  17.5
O
U    A  28.3
U    E  17.5
L    DW 19
SA   T  20
NOP      0
NOP      0
NOP      0
U    T  20
=    M  46.3
***
U    M  46.3
U    E  17.5
=    A  28.4
BE
#PB 10
U    E  16.7
=    M  50.0
***
U    M  50.0
U    M  50.2
=    M  50.1
U    M  50.1
R    M  50.2
UN   M  50.0
S    M  50.2
NOP      0
***
U    M  50.1
UN   M  50.3
SPB FB 21
, DW    1
***
L    DW 1
L    DW 2
>=F

```

```

=      M    50.3
***
U      M    50.3
L      DW   3
SI     T    1
NOP
NOP     0
NOP     0
U      T    1
=      A    52.7
***
UN     A    52.7
=      M    50.5
***
U      M    50.5
U      M    50.7
=      M    50.6
U      M    50.6
R      M    50.7
UN     M    50.5
S      M    50.7
NOP     0
***
U      M    50.6
SPB    FB   22
, DW   1
***
O      A    52.0
O      A    52.1
=      M    52.0
***
U      M    52.0
UN     M    52.2
L      DW   4
SI     T    2
NOP     0
NOP     0
NOP     0
U      T    2
=      M    52.1
***
U      M    52.0
UN     M    52.1
L      DW   5
SI     T    3
NOP     0
NOP     0
NOP     0
U      T    3
=      M    52.2
***
UN     M    49.7
L      KT    500.0
SE     T    37
NOP     0

```

```

NOP      0
NOP      0
U    T   37
=    M   49.6
* * *
U    M   49.6
L    KT  500.0
SE   T   38
NOP      0
NOP      0
NOP      0
U    T   38
=    M   49.7
* * *
U    M   52.1
U    M   49.6
=    A   53.1
BE
#PB 11
UN   M   54.2
UN   M   12.3
UN   M   12.4
UN   A   53.0
U    E   20.1
UN   M   14.0
U    E   12.3
=    M   54.0
* * *
U(
O    E   20.0
O    A   52.0
)
U    M   54.0
U    E   20.2
UN   E   20.3
UN   A   52.1
UN   M   56.5
=    A   52.0
* * *
U(
O    E   20.0
O    A   52.1
)
U    M   54.0
U    E   20.3
UN   E   20.2
U    E   13.2
UN   A   52.0
UN   M   56.4
=    A   52.1
* * *
U(
U    A   52.0
UN   A   52.1
O

```



```

U    A    52.1
UN   A    52.0
)
UN   A    52.2
L    DW   12
SE   T    6
NOP                0
NOP                0
NOP                0
U    T    6
=    A    52.5
***
U    A    52.5
UN   A    52.2
L    DW   12
SE   T    7
NOP                0
NOP                0
NOP                0
U    T    7
=    A    52.4
***
U    A    52.4
UN   A    52.2
L    DW   12
SE   T    8
NOP                0
NOP                0
NOP                0
U    T    8
=    A    52.3
***
U    A    52.3
UN   A    52.2
L    DW   12
SE   T    9
NOP                0
NOP                0
NOP                0
U    T    9
=    M    54.1
***
U(
O    M    54.1
O    A    52.2
)
U(
O    A    52.0
O    A    52.1
)
U    M    54.0
=    A    52.2
***
U(
O    E    20.5

```

```

O    A    53.0
O    M    54.2
)
U    E    20.4
L    DW   13
SI   T    10
NOP           0
NOP           0
NOP           0
U    T    10
=    A    53.0
* * *
UN   A    52.0
U    M    56.1
=    M    56.0
U    M    56.0
R    M    56.1
U    A    52.0
S    M    56.1
NOP           0
* * *
UN   A    52.1
U    M    56.3
=    M    56.2
U    M    56.2
R    M    56.3
U    A    52.1
S    M    56.3
NOP           0
* * *
O    M    56.0
O    M    56.4
L    DW   14
SI   T    16
NOP           0
NOP           0
NOP           0
U    T    16
=    M    56.4
* * *
O    M    56.2
O    M    56.5
L    DW   14
SI   T    17
NOP           0
NOP           0
NOP           0
U    T    17
=    M    56.5
BE
#PB 15
U    E    13.4
U    E    19.3
U    M    60.1
U    A    53.2

```

```

U    M    5.7
UN   M    60.0
L    KT    100.0
SA   T    60
NOP          0
NOP          0
NOP          0
U    T    60
=    M    60.0
***
U    E    21.4
U    M    1.4
S    M    60.1
UN   E    21.4
R    M    60.1
NOP          0
***
O    E    21.6
O    E    21.7
O    E    13.2
ON   A    53.2
=    M    61.0
***
O    E    21.6
O    E    21.7
=    M    63.0
***
ON   E    22.2
O    E    22.3
ON   E    22.4
O    E    13.2
O
U    M    60.1
UN   M    60.0
=    M    61.3
=    M    61.4
***
U    E    22.3
U    E    22.4
U(
ON   M    60.1
O    M    60.0
)
=    M    63.3
=    M    63.4
***
ON   E    22.2
O    E    22.3
ON   E    22.5
O    E    13.2
O
U    M    60.1
UN   M    60.0
=    M    61.5
=    M    61.6

```

```

***
U   E  22.3
U   E  22.5
U(
ON  M  60.1
O   M  60.0
)
=   M  63.5
=   M  63.6
***
ON  E  22.2
O   E  22.3
ON  E  22.6
O   E  13.2
O
U   M  60.1
UN  M  60.0
=   M  61.7
=   M  62.0
***
U   E  22.3
U   E  22.6
U(
ON  M  60.1
O   M  60.0
)
=   M  63.7
=   M  64.0
***
ON  E  22.2
ON  A  53.2
ON  E  13.4
=   M  62.1
***
UN  A  53.2
=   M  62.2
***
SPA FB 15
***
ON  M  60.1
O   E  13.2
=   M  62.7
***
L   MB 61
T   DR 6
***
L   MB 62
T   DL 6
***
L   MB 63
T   DR 7
***
L   MB 64
T   DL 8
***

```

```

L    KF    +4352
T    DW    1
***
ON   M     28.0
BLD          130
SPB FB     22
, DW        1
BE
#PB 20
SPA FB     10
, DB        10
BLD          130
U     M    255.0
R     M    255.0
BLD          130
SPA FB     11
, DB        10
, DB        11
, M         255.0
BLD          130
R     M    127.0
BLD          130
BE
#PB 30
U     M     0.0
UN    M     0.0
R     M     0.0
***
O     M     0.1
ON    M     0.1
S     M     0.1
***
UN    M     0.3
L     KT    125.0
SE    T     35
NOP          0
NOP          0
NOP          0
U     T     35
=     M     0.2
***
U     M     0.2
L     KT    125.0
SE    T     36
NOP          0
NOP          0
NOP          0
U     T     36
=     M     0.3
***
UN    M     0.5
L     KT    050.0
SE    T     12
NOP          0
NOP          0

```

```

NOP      0
U      T  12
=      M  0.4
***
U      M  0.4
L      KT  050.0
SE     T  13
NOP      0
NOP      0
NOP      0
U      T  13
=      M  0.5
***
UN     M  0.7
L      KT  020.0
SE     T  14
NOP      0
NOP      0
NOP      0
U      T  14
=      M  0.6
***
U      M  0.6
L      KT  020.0
SE     T  15
NOP      0
NOP      0
NOP      0
U      T  15
=      M  0.7
***
U      E  21.5
=      A  29.0
BE
#PB 40
U(
O      M  13.1
O
U      E  23.7
U      M  0.4
)
U      E  12.0
=      A  52.6
***
U(
U      A  52.0
U      M  0.6
O
U      A  52.0
U      A  52.2
O
U      E  23.7
U      M  0.4
O
U      M  56.4

```

```

U    M    0.6
)
U    E    12.0
=    A    54.0
***
U(
U    A    52.1
U    M    0.6
O
U    A    52.1
U    A    52.2
O
U    E    23.7
U    M    0.4
O
U    M    56.5
U    M    0.6
)
U    E    12.0
=    A    54.1
***
U(
O    A    53.0
O
U    E    23.7
U    M    0.4
)
U    E    12.0
=    A    54.2
***
U(
ON   E    12.1
O
U    E    23.7
U    M    0.4
)
U    E    12.0
=    A    54.3
***
U(
O    E    12.1
O
U    E    23.7
U    M    0.4
)
U    E    12.0
=    A    54.4
***
U(
UN   M    10.0
UN   M    10.1
UN   M    10.2
UN   M    10.3
UN   M    10.4
UN   M    10.5

```

```

0    E    23.7
0    M    0.4
)
U    E    12.0
=    A    54.5
***
U(
0    M    41.1
0
U    E    23.7
U    M    0.4
)
U    E    12.0
=    A    54.6
***
U(
0    E    21.1
0
U    E    23.7
U    M    0.4
)
U    E    12.0
=    A    55.0
***
U(
0    E    21.2
0
U    E    23.7
U    M    0.4
)
U    E    12.0
=    A    55.1
***
U(
0    M    5.2
0
U    E    23.7
U    M    0.4
)
U    E    12.0
=    A    55.2
***
U(
0    M    42.5
0
U    E    23.7
U    M    0.4
)
U    E    12.0
=    A    55.3
***
U(
U    M    43.0
U    E    13.4
U    E    17.1

```


0
U E 23.7
U M 0.4
)
U E 12.0
= A 55.4

U(
0 E 16.0
0
U E 23.7
U M 0.4
)
U E 12.0
= A 55.6

U(
0 M 55.0
0
UN A 29.1
U M 0.0
U M 42.7
0 E 23.7
)
U M 0.4
U E 12.0
= A 55.7

U(
0 M 40.1
0
UN M 55.0
U E 13.4
U E 21.0
U E 20.7
UN M 59.5
U M 0.6
0
U E 23.7
U M 0.4
)
U E 12.0
= A 60.0

U(
0 M 40.7
0
U E 23.7
U M 0.4
)
U E 12.0
= A 60.5

U(
U E 27.0

```

UN  E  25.5
O
U    E  23.7
U    M  0.4
)
U    E  12.0
U    M  0.0
=    A  60.3
***
O    M  1.2
O
U    E  23.7
U    M  0.4
=    A  60.4
***
U(
U(
ON   E  17.5
ON   E  17.6
ON   E  18.4
)
U    E  12.0
O    E  23.7
)
U    M  0.4
=    A  60.2
***
UN   E  25.5
U    E  27.0
O
U    E  23.7
U    M  0.4
=    A  60.1
***
U(
O    M  14.4
O    E  23.7
)
U    M  0.4
=    A  61.7
***
U(
O    M  12.3
O    E  23.7
)
U    M  0.4
=    A  62.0
***
U(
O    M  13.1
O    E  23.7
)
U    M  0.4
=    A  62.1
***

```

U(
0 M 10.6
0 E 23.7
)
U M 0.4
= A 62.2

U(
0 M 14.0
0 E 23.7
)
U M 0.4
= A 62.3

U(
0 M 10.4
0 E 23.7
)
U M 0.4
= A 62.4

U(
0 M 10.0
0 E 23.7
)
U M 0.4
= A 62.5

U(
0 M 10.5
0 E 23.7
)
U M 0.4
= A 62.6

U(
0 M 14.5
0 E 23.7
)
U M 0.4
= A 62.7

U(
0 M 15.2
0 E 23.7
)
U M 0.4
= A 63.0

U(
0 M 17.1
0 E 23.7
)
U M 0.4
= A 63.1

```

***
U(
O  M  14.2
O  M  14.1
O  E  23.7
)
U  M  0.4
=  A  63.2
***
U(
O  M  10.1
O  E  23.7
)
U  M  0.4
=  A  63.3
***
U(
O  M  10.2
O  E  23.7
)
U  M  0.4
=  A  63.4
***
U(
O  M  10.3
O  E  23.7
)
U  M  0.4
=  A  63.5
***
O  M  13.4
O  E  23.7
=  A  63.6
***
U  M  45.3
U  A  28.2
O
U  M  45.3
UN A  28.2
U  M  0.6
O
U  E  23.7
U  M  0.4
=  A  60.3
BE
#PB 50
U  E  24.2
U  M  51.1
=  M  51.0
U  M  51.0
R  M  51.1
UN E  24.2
S  M  51.1
NOP  0
***

```

```
U    M    51.0
SPB FB 21
, DW    6
***
L    DW 6
L    KF    +1
>=F
=    M    52.3
***
U    M    50.6
UN   M    52.3
U    E    12.0
S    M    10.0
***
U    M    50.6
SPB FB 22
, DW    6
***
U    E    24.4
U    M    51.3
=    M    51.2
U    M    51.2
R    M    51.3
UN   E    24.4
S    M    51.3
NOP      0
***
U    M    51.2
SPB FB 21
, DW    7
***
L    DW 7
L    KF    +1
>=F
=    M    52.4
***
U    M    50.6
UN   M    52.4
U    E    12.0
S    M    10.1
***
U    M    50.6
SPB FB 22
, DW    7
***
U    E    24.5
U    M    51.5
=    M    51.4
U    M    51.4
R    M    51.5
UN   E    24.5
S    M    51.5
NOP      0
***
U    M    51.4
```

```

SPB FB 21
, DW      8
***
L      DW  8
L      KF   +1
>=F
=      M   52.5
***
U      M   50.6
UN     M   52.5
U      E   12.0
S      M   10.2
***
U      M   50.6
SPB FB 22
, DW      8
***
U      E   24.6
U      M   51.7
=      M   51.6
U      M   51.6
R      M   51.7
UN     E   24.6
S      M   51.7
NOP      0
***
U      M   51.6
SPB FB 21
, DW      9
***
L      DW  9
L      KF   +1
>=F
=      M   52.6
***
U      M   50.6
UN     M   52.6
U      E   12.0
S      M   10.3
***
U      M   50.6
SPB FB 22
, DW      9
***
UN     M   52.1
U      M   56.7
=      M   56.6
U      M   56.6
R      M   56.7
U      M   52.1
S      M   56.7
NOP      0
***
U      E   24.1
U      M   53.1

```

```

=      M      53.0
U      M      53.0
R      M      53.1
UN     E      24.1
S      M      53.1
NOP           0
***
UN     E      24.1
U      M      53.3
=      M      53.2
U      M      53.2
R      M      53.3
U      E      24.1
S      M      53.3
NOP           0
***
U      M      52.1
U      M      52.0
U(
O      M      53.0
O      M      53.2
)
S      M      57.0
***
U(
U      M      52.0
L      DW     10
SE     T      4
NOP           0
NOP           0
NOP           0
U      T      4
)
UN     M      57.0
U      M      56.6
U      E      12.0
S      M      10.4
***
U      E      24.3
U      M      53.5
=      M      53.4
U      M      53.4
R      M      53.5
UN     E      24.3
S      M      53.5
NOP           0
***
UN     E      24.3
U      M      53.7
=      M      53.6
U      M      53.6
R      M      53.7
U      E      24.3
S      M      53.7
NOP           0

```

```
***
U   M  52.1
U   M  52.0
U(
O   M  53.4
O   M  53.6
)
S   M  57.1
***
U(
U   M  52.0
L   DW 11
SE  T   5
NOP      0
NOP      0
NOP      0
U   T   5
)
UN  M  57.1
U   M  56.6
U   E  12.0
S   M  10.5
***
U   M  56.6
R   M  57.0
R   M  57.1
***
UN  E  24.0
U   E  12.0
S   M  10.6
***
UN  A  29.1
U   E  16.5
S   M  10.7
***
U   E  14.5
U   E  12.0
S   M  11.0
***
U   E  14.6
U   E  12.0
S   M  11.1
***
U   E  14.7
U   E  12.0
S   M  11.2
***
U   E  15.0
U   E  12.0
S   M  11.3
***
U   E  15.1
U   E  12.0
S   M  11.4
***
```



```

U   E   15.2
U   E   12.0
S   M   11.5
***
U   E   15.3
U   E   12.0
S   M   11.6
***
U   E   15.4
U   E   12.0
S   M   11.7
***
U   E   15.5
U   E   12.0
S   M   12.0
***
U   E   15.6
U   E   12.0
S   M   12.1
***
U   E   15.7
U   E   12.0
S   M   12.2
***
O   M   11.0
O   M   11.1
O   M   11.2
O   M   11.3
O   M   11.4
O   M   11.5
O   M   11.6
O   M   11.7
O   M   12.0
O   M   12.1
O   M   12.2
=   M   54.2
***
UN  E   14.1
U   E   12.0
S   M   12.3
***
U   E   13.1
U   A   52.2
U   E   12.0
S   M   12.4
***
UN  E   12.2
U   E   12.0
U   M   0.0
S   M   12.5
***
UN  E   12.3
U   E   12.0
S   M   12.6
***

```

```

UN  E  12.6
U   E  12.0
U   M  0.0
S   M  12.7
***
UN  E  13.0
U   E  12.0
U   M  0.0
S   M  13.0
***
U(
ON  E  13.5
O   E  13.6
)
U   E  12.0
S   M  13.1
***
UN  E  12.7
U   E  12.0
S   M  13.2
***
UN  E  14.0
U   E  12.0
S   M  13.3
***
UN  E  19.0
U   E  12.0
S   M  13.4
***
UN  E  14.3
U   E  12.0
S   M  13.5
***
UN  E  19.1
U   E  12.0
S   M  13.6
***
UN  E  16.3
U   E  12.0
S   M  13.7
***
UN  E  12.1
U   E  12.0
S   M  14.0
***
U   E  26.2
UN  E  16.7
U   E  12.0
L   KT  100.0
SE  T  25
NOP      0
NOP      0
NOP      0
U   T  25
=   M  47.6

```

```

***
UN  E  26.2
U   E  16.7
U   E  12.0
L   KT  100.0
SE  T  29
NOP      0
NOP      0
NOP      0
U   T  29
=    M  47.7
***
O    M  47.6
O    M  47.7
S    M  14.1
***
UN  E  26.4
U   E  12.0
S    M  14.2
***
UN  E  26.6
U   E  12.0
S    M  14.3
***
UN  E  26.7
U   E  12.0
S    M  14.4
***
U    M  40.4
U    E  12.0
S    M  14.5
***
A    DB  10
L    DR  13
T    MB  44
***
U(
O    M  44.1
O    M  44.2
O    M  44.3
O    M  44.4
)
U    E  12.0
U    M  0.0
S    M  14.6
***
A    DB  120
L    DW  11
A    DB  100
T    DW  25
***
U    E  27.4
U    M  45.7
=    M  45.6
U    M  45.6

```

```

R    M    45.7
UN   E    27.4
S    M    45.7
NOP      0
***
U    M    45.6
UN   E    13.2
U    A    53.2
SPB FB 23
, DW    25
, DW    23
***
UN   E    27.4
U    M    48.2
=    M    48.1
U    M    48.1
R    M    48.2
U    E    27.4
S    M    48.2
NOP      0
***
U    M    48.1
UN   E    13.2
U    A    53.2
SPB FB 23
, DW    25
, DW    24
***
U    E    21.5
SPB FB 25
***
L    DW 23
L    KF   +290
>F
=    M    48.4
***
L    DW 23
L    KF   +220
<F
=    M    48.5
***
L    DW 24
L    KF   +100
>F
=    M    48.6
***
L    DW 24
L    KF   +10
<F
=    M    48.7
***
U(
0    M    48.4
0    M    48.5
0    M    48.6

```

```

O    M    48.7
)
U    E    12.0
UN   E    13.2
S    M    14.7
***
A    DB    10
***
UN   E    19.6
U    E    12.0
S    M    15.0
***
U    E    14.4
U    E    12.0
S    M    15.1
***
UN   E    24.7
U    E    12.0
S    M    15.2
***
UN   E    21.3
U    E    12.0
S    M    15.3
***
U    E    25.0
U    M    45.5
=    M    45.4
U    M    45.4
R    M    45.5
UN   E    25.0
S    M    45.5
NOP      0
***
UN   M    1.6
U    M    45.4
U(
O    E    13.3
O
U    E    13.2
U(
O    A    52.0
O    A    52.1
)
)
S    M    15.4
***
UN   E    27.4
U(
O    A    53.2
O    E    16.6
)
UN   E    25.6
U    E    25.5
U    E    12.0
L    KT    020.0

```

```

SE  T  33
NOP      0
NOP      0
NOP      0
U    T  33
S    M  15.5
***
UN   E  19.2
U    E  12.0
S    M  15.7
***
UN   E  26.5
U    E  16.6
U    E  12.0
L    KT  030.0
SE  T  26
NOP      0
NOP      0
NOP      0
U    T  26
=    M  47.4
***
U    E  26.5
UN   E  16.6
U    E  12.0
L    KT  050.0
SE  T  28
NOP      0
NOP      0
NOP      0
U    T  28
=    M  47.5
***
U(
O    M  47.4
O    M  47.5
)
U    M  0.0
S    M  16.7
***
U    M  5.2
U    M  46.7
=    M  46.6
U    M  46.6
R    M  46.7
UN   M  5.2
S    M  46.7
NOP      0
***
U    M  46.6
U    E  13.4
S    M  47.0
***
U    E  25.5
U    M  47.2

```

```

=      M      47.1
U      M      47.1
R      M      47.2
UN     E      25.5
S      M      47.2
NOP                    0
***

O      M      47.1
O      E      25.5
O      E      21.5
ON     E      12.0
O      E      16.5
R      M      47.0
***

U(
U      M      48.0
L      KT      100.0
SE     T      24
NOP                    0
NOP                    0
NOP                    0
U      T      24
)
U      M      0.0
S      M      17.0
R      M      48.0
***

U      E      13.4
UN     M      5.2
UN     E      16.5
U      M      47.0
S      M      48.0
***

U      E      16.6
U(
ON     E      25.0
ON     E      25.1
)
L      KT      050.0
SE     T      30
NOP                    0
NOP                    0
NOP                    0
U      T      30
S      M      17.1
***

U      E      25.2
U      E      16.7
U      M      0.0
L      KT      050.0
SE     T      31
NOP                    0
NOP                    0
NOP                    0
U      T      31

```

```
S      M  17.2
***
UN     M  17.1
U      E  25.0
U      E  25.1
U      E  25.2
U      M  0.0
L      KT    070.0
SE     T  32
NOP
NOP
NOP
U      T  32
S      M  17.3
***
U(
L      MW  10
L      KF    +0
><F
)
U      E  0.0
=      M  55.1
***
L      MW  12
L      KF    +0
><F
=      M  55.2
***
L      MW  14
L      KF    +0
><F
=      M  55.3
***
L      MW  16
L      KF    +0
><F
=      M  55.4
***
O      M  55.1
O      M  55.2
O      M  55.3
O      M  55.4
=      M  55.0
BE
#PB 130
SPA FB 130
, KF    +0
, KF    +16384
, KF    +100
, KF    +0
, DB    127
, DW    221
, PW    168
***
SPA FB 130
```


,KF +0
,KF +16384
,KF +100
,KF +1
,DB 127
,DW 222
,PW 166

SPA FB 130
,KF +0
,KF +16384
,KF +100
,KF +2
,DB 127
,DW 223
,PW 164

SPA FB 130
,KF +0
,KF +16384
,KF +100
,KF +2
,DB 127
,DW 224
,PW 162

SPA FB 130
,KF +0
,KF +16384
,KF +100
,KF +1
,DB 127
,DW 225
,PW 160

BE

#DB 1

KH 4442
KH 3120
KH 5446
KH 423A
KH 204F
KH 4231
KH 3320
KH 3130
KH 3020
KH 3B20
KH 5344
KH 503A
KH 2057
KH 4420
KH 3530
KH 3020
KH 3B20
KH 454E
KH 4420

#DB 10

KH	80
KH	0
KH	1289
KH	0
KH	0
KH	0
KH	87F9
KH	0
KH	0
KH	0
KH	A
KH	0
KH	A
KH	21
KH	0
KH	0
KH	80
KH	81
KH	82
KH	83
KH	84
KH	85
KH	86
KH	87
KH	0
KH	0
KH	0

#DB 11

KH	C
KH	63C
KH	1728
KH	0
KH	0
KH	1C
KH	5CA
KH	1644
KH	0
KH	0
KH	2C
KH	5CA
KH	179A
KH	0
KH	0
KH	3C
KH	474
KH	1AB8
KH	0
KH	0
KH	4C
KH	E40
KH	1962
KH	0
KH	0
KH	5C

KH	720
KH	10EC
KH	0
KH	0
KH	6C
KH	558
KH	1644
KH	0
KH	0
KH	7C
KH	F24
KH	1962
KH	0
KH	0
KH	8C
KH	720
KH	10EC
KH	0
KH	0
KH	9C
KH	4E6
KH	1962
KH	0
KH	0
KH	AC
KH	1644
KH	804
KH	0
KH	0
KH	BC
KH	0
KH	0
KH	0
KH	0
KH	CC
KH	B22
KH	0
KH	0
KH	0
KH	DC
KH	72
KH	AB0
KH	0
KH	0
KH	EC
KH	72
KH	72
KH	0
KH	0
KH	FE
KH	9CC
KH	AB0
KH	0
KH	7530
KH	0

C:\PRESSA L1_2500\L12500a0.seq [79]

KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
#DB 20	
KH	0
KH	64
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	1060
KH	5
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	5

C:\PRESSA L1_2500\L12500a0.seq [81]

KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
#DB 51	
KH	0
KH	0
KH	0
KH	0
KH	300
KH	0
KH	1
KH	0
KH	0
KH	200
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	FE33
KH	110
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0

C:\PRESSA L1_2500\L12500a0.seq [83]

C:\PRESSA L1_2500\L12500a0.seq [84]

#DB 52

#DB 53

[illegible]

#DB 55

KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
#DB 56	
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
#DB 100	
KH	A
KH	19
KH	2D
KH	2010
KH	1200

C:\PRESSA L1_2500\L12500a0.seq [90]

#DB 120

C:\PRESSA L1_2500\L12500a0.seq [92]

C:\PRESSA L1_2500\L12500a0.seq [93]

C:\PRESSA L1_2500\L12500a0.seq [94]

C:\PRESSA L1_2500\L12500a0.seq [95]

#DB 125

C:\PRESSA L1_2500\L12500a0.seq [97]

C:\PRESSA L1_2500\L12500a0.seq [98]

C:\PRESSA L1_2500\L12500a0.seq [99]

C:\PRESSA L1_2500\L12500a0.seq [100]

KH	0
KH	0
#DB 127	
KH	0
KH	46
KH	104
KH	41
KH	FA
KH	41
KH	109
KH	32
KH	12C
KH	64
KH	11D
KH	50
KH	BE
KH	3C
KH	FA
KH	AA
KH	11D
KH	50
KH	BE
KH	37
KH	11D
KH	FA
KH	5A
KH	0
KH	0
KH	7D
KH	0
KH	5
KH	78
KH	5
KH	5
KH	6E
KH	78
KH	5A
KH	122
KH	12C
KH	50
KH	C8
KH	78
KH	5
KH	D2
KH	15E
KH	14
KH	32
KH	15E
KH	14A
KH	1E
KH	0
KH	0
KH	0
KH	0
KH	0

C:\PRESSA L1_2500\L12500a0.seq [102]

KH	32
KH	12C
KH	A0
KH	11D
KH	50
KH	BE
KH	3C
KH	FA
KH	AA
KH	11D
KH	50
KH	BE
KH	37
KH	11D
KH	FA
KH	5A
KH	0
KH	0
KH	7D
KH	0
KH	5
KH	78
KH	5
KH	5
KH	6E
KH	78
KH	5A
KH	122
KH	12C
KH	50
KH	C8
KH	78
KH	5
KH	D2
KH	15E
KH	14
KH	32
KH	15E
KH	136
KH	1E
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0

C:\PRESSA L1_2500\L12500a0.seq [104]

KH	0
KH	0
KH	0
KH	0
KH	46
KH	A
KH	A
KH	0
KH	0
KH	1E
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	0
KH	F
KH	0
KH	F
KH	0
KH	5
KH	0
KH	0
KH	46
KH	0
KH	4000
KH	0
KH	0
KH	11
KH	8000
KH	0
KH	64
KH	0
KH	2CCC
KH	0
KH	50
KH	0

```
// =====
// =====
// Generato automaticamente da S5/S7 Converter,  Versione K2.1.9.
0-REL  11-12-2007 10:01
// =====
// =====
//
//
// Note:
// -----
//
// BLOCCHI:      In S7 vi sono i seguenti tipi di blocchi:
//OB: analogo a S5;
//FB: FunctionBlock (p. es. regolatore), viene richiamato con diversi DB di istanza;
//FC: FunctionCall, paragonabile a FB di S5.
//Vengono a mancare i tipi di blocchi PB, FX, DX e SB.
//
//OB:   in S7 non si possono richiamare gli OB dal programma utente.
//      Gli OB delle funzioni speciali, analogamente ai comandi speciali
//      come, p. es. E DB vengono sostituiti da nuovi comandi e dalle SFC.
//
// INDIRIZZAMENTO: In S7 tutte le aree di memoria (E, A, M, D, ecc.) vengono
//                indirizzate a byte. Vale a dire che L DW 2 in S5 diventa L DBW 4 in S7.
//
// NUMERO DI ACCU: le CPU S7 possiedono, come le CPU S5, 2 o 4 accumulatori.
//                Se viene convertito un programma S5 da una CPU S5 con 2 ACCU (115U) per
//                una CPU S7. CON 4 ACCU, occorre inserire prima l'operazione aritmetica
//                (+, -, *, /) il comando ENT, se si vuole in seguito riutilizzare il contenuto
//                di ACCU 2.
//
// LARGHEZZA ACCU: gli accumulatori di tutte le CPU S7 sono larghi 32 bit.
//                Per i comandi in virgola fissa in S7:
//                - in caso di over/ o underflow, la parola alta di ACCU1 rimane invariata
//                (135U : con segno);
//                - non ha luogo una conversione automatica in formato a 32 bit (155U).
//
// BIT OS:       nelle seguenti operazioni in S7, il bit OS (overflow con memoria) rimane invariato (in S5 veniva resettato):
//                T, >F, <F, ><F, !=F, >=F, <=F, >D, <D, ><D, !=D, >=D, <=D,
//                >G, <G, ><G, !=G, >=G, <=G,
//                SLW, SRW, SLD, SVW, SVD, RLD, RRD
```

```
//  
// BIT OV:      le seguenti operazioni di conversione non incidono  
// sull'ACCU1  
//              in caso di overflow (in S5: somma dei numeri in virgola fissa).  
//              Se si verifica un'overflow, questa verrà visualizzata nei bit OS e OV  
//              (S5: solo in OS). DUF, DUD, GFD  
//  
// LIR, TIR:     In S7 non vi sono comandi di indirizzamento assoluto. Questi vengono  
//              sostituiti, in parte, con dei comandi nuovi (p. es. accesso alle parole  
//              di dati maggiori di 255), ed in parte con le  
//              SFC).  
//              Lo stesso vale per i registri di inizio blocco  
//              e di fine blocco.  
//  
// AREE DI DATI BS,BT,BA,BB,Q:  
//              Per utilizzare queste aree di dati occorre intervenire manualmente.  
//              Soluzioni eventuali :  
//              - utilizzare un'area di merker maggiore  
//              - definire blocchi di dati più lunghi  
//              - utilizzare funzioni di sistema S7  
//  
// COMANDI DI STOP: in S7 è rimasta solamente una istruzione di stop, eseguibile tramite il  
//              il richiamo di SFC che corrisponde al comando STS di S5.  
//  
// Per ulteriori chiarimenti, consultare il manuale o la Guida online.
```

```
FUNCTION FC 1 : VOID  
  NAME: EINRICHT  
  VAR_INPUT  
    DBWF      :block_db;  // DBWF  
  END_VAR  
  VAR_TEMP  
    conv_akku1 :dword;  
    conv_akku2 :dword;  
    conv_stw   :word;  
  END_VAR  
  BEGIN  
    NETWORK  
      AUF #DBWF ;  
      //;  
      L   DBW 0;  
      T   DBW 32;  
      INC 1;  
      T   DBW 34;  
      INC 1;  
      T   DBW 36;
```



```
INC 1;
T   DBW 38;
INC 1;
T   DBW 40;
INC 1;
T   DBW 42;
INC 1;
T   DBW 44;
INC 1;
T   DBW 46;
//;
L   W#16#3;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 33;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
L   DBB 7;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 45;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
L   DBB 6;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 47;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
```

```
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
L   DBB 11;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 41;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
L   DBB 10;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 43;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
L   W#16#2;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 33;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
L   DBB 9;

T   conv_akku1;
TAK;
T   conv_akku2;
```

```
L    STW;
T    conv_stw;
L    DBB 37;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
L    DBB 8;

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    DBB 39;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
//;
L    DBB 13;

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    DBB 41;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
L    DBB 12;

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    DBB 43;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
```

```
T  PAB [ AR1, P#0.0 ];  
//;  
L  W#16#1;  
  
T  conv_akku1;  
TAK;  
T  conv_akku2;  
L  STW;  
T  conv_stw;  
L  DBB 33;  
SLW 3;  
LAR1;  
L  conv_stw;  
T  STW;  
L  conv_akku2;  
L  conv_akku1;  
T  PAB [ AR1, P#0.0 ];  
//;  
L  DBB 17;  
  
T  conv_akku1;  
TAK;  
T  conv_akku2;  
L  STW;  
T  conv_stw;  
L  DBB 37;  
SLW 3;  
LAR1;  
L  conv_stw;  
T  STW;  
L  conv_akku2;  
L  conv_akku1;  
T  PAB [ AR1, P#0.0 ];  
L  DBB 16;  
  
T  conv_akku1;  
TAK;  
T  conv_akku2;  
L  STW;  
T  conv_stw;  
L  DBB 39;  
SLW 3;  
LAR1;  
L  conv_stw;  
T  STW;  
L  conv_akku2;  
L  conv_akku1;  
T  PAB [ AR1, P#0.0 ];  
//;  
L  DBB 15;  
  
T  conv_akku1;  
TAK;  
T  conv_akku2;  
L  STW;
```

```
T   conv_stw;  
L   DBB 41;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
L   DBB 14;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 43;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
//;  
L   DBB 5;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 45;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
L   DBB 4;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 47;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];
```

```
//;  
L   W#16#0;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 33;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
//;  
L   DBB 2;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 35;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
//;  
L   DBB 3;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 37;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
//;
```

END_FUNCTION

FUNCTION FC 2 : VOID
NAME: NOCKENPR

```
VAR_INPUT
  DBWF      :block_db;  // DBWF
  DBNO      :block_db;  // DBNO
  H_L       :bool;      // H/L
END_VAR
VAR_TEMP
  conv_akku1 :dword;
  conv_akku2 :dword;
  conv_stw   :word;
END_VAR
BEGIN
NETWORK
  AUF #DBWF ;
  //;
  L   DBW 0;
  T   MW 240;
  INC 4;
  T   MW 242;
  INC 1;
  T   MW 244;
  INC 1;
  T   MW 246;
  INC 1;
  T   MW 248;
  //;
  AUF #DBNO ;
  //;
  //;
  L   W#16#0;

  T   conv_akku1;
  TAK;
  T   conv_akku2;
  L   STW;
  T   conv_stw;
  L   MB 241;
  SLW 3;
  LAR1;
  L   conv_stw;
  T   STW;
  L   conv_akku2;
  L   conv_akku1;
  T   PAB [ AR1, P#0.0 ];
  //;
  U   #H_L;
  SPB M001;
  //;
  //;
  L   W#16#0;

  T   conv_akku1;
  TAK;
  T   conv_akku2;
  L   STW;
  T   conv_stw;
```

```
L    MB 243;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
L    W#16#80;

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    MB 245;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
//;
SPA M002;
//;
M001:NOP 0;
L    W#16#0;

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    MB 243;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
L    W#16#82;

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    MB 245;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
```



```
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
M002:NOP 0;
L   W#16#0;
T   MW 254;
M003:NOP 0;

T   conv_akku1;
L   STW;
T   conv_stw;
L   MB 255;
SLW 4;
+   8;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   DBB [ AR1, P#0.0 ];

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   MB 247;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
L   W#16#0;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   MB 249;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
L   MW 254;
INC 1;
T   MW 254;
//;

T   conv_akku1;
```

```
L    STW;  
T    conv_stw;  
L    MB 255;  
SLW  4;  
+    8;  
LAR1;  
L    conv_stw;  
T    STW;  
L    conv_akku1;  
L    DBB [ AR1, P#0.0 ];  
  
T    conv_akku1;  
TAK;  
T    conv_akku2;  
L    STW;  
T    conv_stw;  
L    MB 247;  
SLW 3;  
LAR1;  
L    conv_stw;  
T    STW;  
L    conv_akku2;  
L    conv_akku1;  
T    PAB [ AR1, P#0.0 ];  
  
T    conv_akku1;  
L    STW;  
T    conv_stw;  
L    MB 255;  
SLW 4;  
LAR1;  
L    conv_stw;  
T    STW;  
L    conv_akku1;  
L    DBB [ AR1, P#0.0 ];  
  
T    conv_akku1;  
TAK;  
T    conv_akku2;  
L    STW;  
T    conv_stw;  
L    MB 249;  
SLW 3;  
LAR1;  
L    conv_stw;  
T    STW;  
L    conv_akku2;  
L    conv_akku1;  
T    PAB [ AR1, P#0.0 ];  
//;  
L    MW 254;  
INC 1;  
T    MW 254;  
//;
```

```
T   conv_akku1;
L   STW;
T   conv_stw;
L   MB 255;
SLW 4;
+   8;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   DBB [ AR1, P#0.0 ];

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   MB 247;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];

T   conv_akku1;
L   STW;
T   conv_stw;
L   MB 255;
SLW 4;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   DBB [ AR1, P#0.0 ];

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   MB 249;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
L   MW 254;
INC 1;
T   MW 254;
//;
```

```
T    conv_akku1;
L    STW;
T    conv_stw;
L    MB 255;
SLW  4;
+    8;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku1;
L    DBB [ AR1, P#0.0 ];

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    MB 247;
SLW  3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];

T    conv_akku1;
L    STW;
T    conv_stw;
L    MB 255;
SLW  4;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku1;
L    DBB [ AR1, P#0.0 ];

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    MB 249;
SLW  3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
//;
L    MW 254;
INC  1;
T    MW 254;
```

```
//;  
T   conv_akku1;  
L   STW;  
T   conv_stw;  
L   MB 255;  
SLW 4;  
+   8;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku1;  
L   DBB [ AR1, P#0.0 ];  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   MB 247;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
  
T   conv_akku1;  
L   STW;  
T   conv_stw;  
L   MB 255;  
SLW 4;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku1;  
L   DBB [ AR1, P#0.0 ];  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   MB 249;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
//;  
L   W#16#0;
```

```
T  conv_akku1;
TAK;
T  conv_akku2;
L  STW;
T  conv_stw;
L  MB 247;
SLW 3;
LAR1;
L  conv_stw;
T  STW;
L  conv_akku2;
L  conv_akku1;
T  PAB [ AR1, P#0.0 ];
```

```
T  conv_akku1;
TAK;
T  conv_akku2;
L  STW;
T  conv_stw;
L  MB 249;
SLW 3;
LAR1;
L  conv_stw;
T  STW;
L  conv_akku2;
L  conv_akku1;
T  PAB [ AR1, P#0.0 ];
```

```
T  conv_akku1;
TAK;
T  conv_akku2;
L  STW;
T  conv_stw;
L  MB 247;
SLW 3;
LAR1;
L  conv_stw;
T  STW;
L  conv_akku2;
L  conv_akku1;
T  PAB [ AR1, P#0.0 ];
```

```
T  conv_akku1;
TAK;
T  conv_akku2;
L  STW;
T  conv_stw;
L  MB 249;
SLW 3;
LAR1;
L  conv_stw;
T  STW;
L  conv_akku2;
L  conv_akku1;
T  PAB [ AR1, P#0.0 ];
```

```
T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    MB 247;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
```

```
T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    MB 249;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
//;
L    MW 254;
INC 1;
T    MW 254;
L    W#16#A0;
<I;
SPB M003;
//;
L    W#16#0;
```

```
T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    MB 243;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
```

```
T    conv_akku1;
TAK;
T    conv_akku2;
```

```
L   STW;
T   conv_stw;
L   MB 245;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
AUF #DBWF ;
//;

T   conv_akku1;
L   STW;
T   conv_stw;
L   DBB 37;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   PEB [ AR1, P#0.0 ];
T   DBB 27;

T   conv_akku1;
L   STW;
T   conv_stw;
L   DBB 39;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   PEB [ AR1, P#0.0 ];
T   DBB 26;
//;
```

END_FUNCTION

FUNCTION FC 3 : VOID

NAME: FB_WF707 // FB-WF707

VAR_INPUT

DBWF :block_db; // DBWF

END_VAR

VAR_TEMP

conv_akku1 :dword;

conv_akku2 :dword;

conv_stw :word;

END_VAR

BEGIN

NETWORK

AUF #DBWF ;


```
//;  
L   W#16#1;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 33;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
//;  
L   DBB 15;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 41;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
L   DBB 14;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 43;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
//;  
L   DBB 2;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;
```

```
L   DBB 35;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
L   W#16#2;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 33;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;
L   DBB 13;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 41;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
L   DBB 12;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
L   DBB 43;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
```

```
//;  
L   W#16#0;  
  
T   conv_akku1;  
TAK;  
T   conv_akku2;  
L   STW;  
T   conv_stw;  
L   DBB 33;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku2;  
L   conv_akku1;  
T   PAB [ AR1, P#0.0 ];  
//;  
  
T   conv_akku1;  
L   STW;  
T   conv_stw;  
L   DBB 33;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku1;  
L   PEB [ AR1, P#0.0 ];  
T   DBB 21;  
  
T   conv_akku1;  
L   STW;  
T   conv_stw;  
L   DBB 35;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku1;  
L   PEB [ AR1, P#0.0 ];  
T   DBB 20;  
//;  
  
T   conv_akku1;  
L   STW;  
T   conv_stw;  
L   DBB 37;  
SLW 3;  
LAR1;  
L   conv_stw;  
T   STW;  
L   conv_akku1;  
L   PEB [ AR1, P#0.0 ];  
T   DBB 27;
```

```
T    conv_akku1;
L    STW;
T    conv_stw;
L    DBB 39;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku1;
L    PEB [ AR1, P#0.0 ];
T    DBB 26;
//;

T    conv_akku1;
L    STW;
T    conv_stw;
L    DBB 41;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku1;
L    PEB [ AR1, P#0.0 ];
T    DBB 25;

T    conv_akku1;
L    STW;
T    conv_stw;
L    DBB 43;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku1;
L    PEB [ AR1, P#0.0 ];
T    DBB 24;
//;
L    W#16#1;

T    conv_akku1;
TAK;
T    conv_akku2;
L    STW;
T    conv_stw;
L    DBB 33;
SLW 3;
LAR1;
L    conv_stw;
T    STW;
L    conv_akku2;
L    conv_akku1;
T    PAB [ AR1, P#0.0 ];
//;

T    conv_akku1;
```

```
L   STW;
T   conv_stw;
L   DBB 37;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   PEB [ AR1, P#0.0 ];
T   DBB 23;

T   conv_akku1;
L   STW;
T   conv_stw;
L   DBB 39;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   PEB [ AR1, P#0.0 ];
T   DBB 22;
//;

T   conv_akku1;
L   STW;
T   conv_stw;
L   DBB 41;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   PEB [ AR1, P#0.0 ];
T   DBB 31;

T   conv_akku1;
L   STW;
T   conv_stw;
L   DBB 43;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   PEB [ AR1, P#0.0 ];
T   DBB 30;
//;
L   W#16#2;

T   conv_akku1;
TAK;
T   conv_akku2;
L   STW;
T   conv_stw;
```

```
L   DBB 33;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku2;
L   conv_akku1;
T   PAB [ AR1, P#0.0 ];
//;

T   conv_akku1;
L   STW;
T   conv_stw;
L   DBB 41;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   PEB [ AR1, P#0.0 ];
T   DBB 29;

T   conv_akku1;
L   STW;
T   conv_stw;
L   DBB 43;
SLW 3;
LAR1;
L   conv_stw;
T   STW;
L   conv_akku1;
L   PEB [ AR1, P#0.0 ];
T   DBB 28;
//;
```

END_FUNCTION

FUNCTION FC 4 : VOID

NAME: FORZ1213

BEGIN

NETWORK

```
    AUF DB 10;
    SET;
    U   DBX 30.7;
    SPB M001;
    //;
    U   M 0.0;
    =   M 62.3;
    =   M 62.4;
    //;
    BEA;
    //;
M001:U   M 0.1;
    =   M 62.3;
```

= M 62.4;

END_FUNCTION

FUNCTION FC 5 : VOID

NAME: INCR1

VAR_INPUT

WIN :word; // WIN

END_VAR

BEGIN

NETWORK

L #WIN;

L 1;

+I;

T #WIN;

END_FUNCTION

FUNCTION FC 6 : VOID

NAME: AZZW

VAR_INPUT

WAZZ :word; // WAZZ

END_VAR

BEGIN

NETWORK

L 0;

T #WAZZ;

END_FUNCTION

FUNCTION FC 7 : VOID

NAME: TRASF

VAR_INPUT

WIN :word; // WIN

END_VAR

VAR_OUTPUT

WOUT :word; // WOUT

END_VAR

BEGIN

NETWORK

L #WIN;

T #WOUT;

//;

END_FUNCTION

FUNCTION FC 8 : VOID

NAME: TRASFK

BEGIN

NETWORK

L 251;

```
T    DBW 46;  
L    61;  
T    DBW 48;
```

END_FUNCTION

FUNCTION FC 9 : VOID

NAME: FB_ALL // FB:ALL

BEGIN

NETWORK

```
UN    E 21.5;  
SPB   M001;  
//;  
L     0;  
T     MW 10;  
T     MW 12;  
T     MW 14;  
T     MW 16;  
T     MW 18;  
//;  
M001:AUF DB 54;  
//;  
L     MB 10;  
T     DBB 1;  
//;  
L     MB 11;  
T     DBB 0;  
//;  
L     MB 12;  
T     DBB 3;  
//;  
L     MB 13;  
T     DBB 2;  
//;  
L     MB 14;  
T     DBB 5;  
//;  
L     MB 15;  
T     DBB 4;  
//;  
L     MB 16;  
T     DBB 7;  
//;  
L     MB 17;  
T     DBB 6;  
//;  
L     MB 18;  
T     DBB 9;  
//;  
L     MB 19;  
T     DBB 8;  
//;
```


END_FUNCTION

FUNCTION FC 10 : VOID

NAME: _COUNTER // COUNTER

BEGIN

NETWORK

AUF DB 20;

//;

U E 12.5;

L DBW 28;

SV T 41;

U M 42.1;

R T 41;

NOP 0;

NOP 0;

U T 41;

= M 43.2;

//;

U M 43.2;

U M 42.0;

= M 42.1;

U M 42.1;

R M 42.0;

UN M 43.2;

S M 42.0;

NOP 0;

//;

U E 13.5;

U M 42.2;

= M 42.3;

U M 42.3;

R M 42.2;

UN E 13.5;

S M 42.2;

NOP 0;

//;

NETWORK

AUF DB 20;

//;

U M 42.1;

SPBN X000;

CALL FC 5

(WIN := DBW 102

);

X000: NOP 0;

//;

U M 42.1;

SPBN X001;

CALL FC 5

(WIN := DBW 104

);

X001: NOP 0;

//;

U M 42.3;

SPBN X002;

```
CALL FC 5
  ( WIN      := DBW 106
  );
X002: NOP 0;
  //;
  U      M 42.3;
  SPBN   X003;
CALL FC 5
  ( WIN      := DBW 108
  );
X003: NOP 0;
  //;
NETWORK
  L      DBW 100;
  L      1;
  ==I;
  SPB M001;
  //;
  L      DBW 100;
  L      2;
  ==I;
  SPB M002;
  //;
  L      DBW 100;
  L      4;
  ==I;
  SPB M003;
  //;
  L      DBW 100;
  L      8;
  ==I;
  SPB M004;
  //;
  L      0;
  T      DBW 100;
  //;
  BEA;
  //;
M001: L      0;
      T      DBW 100;
      T      DBW 102;
      BEA;
      //;
M002: L      0;
      T      DBW 100;
      T      DBW 104;
      BEA;
      //;
M003: L      0;
      T      DBW 100;
      T      DBW 106;
      BEA;
      //;
M004: L      0;
      T      DBW 100;
```

```
T    DBW 108;
```

```
END_FUNCTION
```

```
FUNCTION FC 11 : VOID
```

```
NAME: ENCODER
```

```
VAR_INPUT
```

```
    KOFF      :int;          // KOFF
    KMUL       :int;          // KMUL
    KDIV       :int;          // KDIV
    DBRD       :block_db;     // DBRD
    WRRD       :word;         // WRRD
    DBWR       :block_db;     // DBWR
```

```
END_VAR
```

```
VAR_OUTPUT
```

```
    WRWR      :word;         // WRWR
```

```
END_VAR
```

```
BEGIN
```

```
NETWORK
```

```
    AUF DB 120;
    //;
    L    #KOFF;
    T    DBW 28;
    //;
    L    0;
    T    DBW 0;
    //;
    AUF #DBRD ;
    L    #WRRD;
    //;
    AUF DB 120;
    T    DBW 2;
    //;
    L    0;
    T    DBW 4;
    //;
    L    #KMUL;
    T    DBW 6;
    //;
    CALL FC 87
    ( Z_12    := DBW 0
      , Z_11    := DBW 2
      , Z_22    := DBW 4
      , Z_21    := DBW 6
      , Z3_0    := M 120.0
      , Z_34    := DBW 8
      , Z_33    := DBW 10
      , Z_32    := DBW 12
      , Z_31    := DBW 14
    );
    //;
    L    0;
    T    DBW 16;
    //;
```

```
L    #KDIV;
T    DBW 18;
//;
CALL FC 88
(   Z_12    := DBW 12
,   Z_11    := DBW 14
,   Z_22    := DBW 16
,   Z_21    := DBW 18
,   OV      := M 120.1
,   FEH     := M 120.2
,   Z3_0    := M 120.3
,   Z4_0    := M 120.4
,   Z_32    := DBW 20
,   Z_31    := DBW 22
,   Z_42    := DBW 24
,   Z_41    := DBW 26
);
//;
L    DBW 22;
L    DBW 28;
+I;
T    DBW 30;
//;
AUF #DBWR ;
T    #WRWR;
//;
```

END_FUNCTION

```
FUNCTION FC 12 : VOID
NAME: CALL_OP  // CALL:0P
BEGIN
NETWORK
  AUF DB 52;
  //;
  L    DBB 21;
  L    7;
  ==I;
  =    M 125.0;
  //;
  L    DBB 21;
  L    8;
  ==I;
  =    M 125.1;
  //;
  L    DBB 21;
  L    12;
  ==I;
  =    M 125.2;
  //;
  L    DBB 21;
  L    13;
  ==I;
  =    M 125.3;
```

```
//;  
AUF DB 127;  
//;  
L DBW 400;  
L 1;  
==I;  
= M 125.4;  
//;  
L DBW 400;  
L 2;  
==I;  
= M 125.5;  
//;  
U(  
O M 125.0;  
O M 125.2;  
);  
UN M 125.6;  
= M 125.7;  
//;  
O M 125.0;  
O M 125.2;  
= M 125.6;  
//;  
U M 125.7;  
SPBN X000;  
CALL FC 13;  
X000: NOP 0;  
//;  
UN E 16.7;  
U(  
U M 125.1;  
U M 125.4;  
O;  
U M 125.3;  
U M 125.5;  
);  
SPBN X001;  
CALL FC 14;  
X001: NOP 0;  
//;
```

END_FUNCTION

```
FUNCTION FC 13 : VOID  
NAME: OP_READ // OP:READ  
BEGIN  
NETWORK  
CALL FC 11  
( KOFF := 0  
 , KMUL := 40  
 , KDIV := 912  
 , DBRD := DB 11  
 , WRRD := DBW 2
```

```
, DBWR      := DB 127
, WRWR      := DBW 2
);
//;
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 4
, DBWR      := DB 127
, WRWR      := DBW 4
);
//;
NETWORK
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 12
, DBWR      := DB 127
, WRWR      := DBW 6
);
//;
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 14
, DBWR      := DB 127
, WRWR      := DBW 8
);
//;
NETWORK
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 22
, DBWR      := DB 127
, WRWR      := DBW 10
);
//;
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 24
, DBWR      := DB 127
, WRWR      := DBW 12
);
```

```
    //;
NETWORK
    CALL FC 11
        ( KOFF    := 0
        , KMUL     := 40
        , KDIV     := 912
        , DBRD     := DB 11
        , WRRD     := DBW 32
        , DBWR     := DB 127
        , WRWR     := DBW 14
        );
    //;
    CALL FC 11
        ( KOFF    := 0
        , KMUL     := 40
        , KDIV     := 912
        , DBRD     := DB 11
        , WRRD     := DBW 34
        , DBWR     := DB 127
        , WRWR     := DBW 16
        );
    //;
NETWORK
    CALL FC 11
        ( KOFF    := 0
        , KMUL     := 40
        , KDIV     := 912
        , DBRD     := DB 11
        , WRRD     := DBW 42
        , DBWR     := DB 127
        , WRWR     := DBW 18
        );
    //;
    CALL FC 11
        ( KOFF    := 0
        , KMUL     := 40
        , KDIV     := 912
        , DBRD     := DB 11
        , WRRD     := DBW 44
        , DBWR     := DB 127
        , WRWR     := DBW 20
        );
    //;
NETWORK
    CALL FC 11
        ( KOFF    := 0
        , KMUL     := 40
        , KDIV     := 912
        , DBRD     := DB 11
        , WRRD     := DBW 52
        , DBWR     := DB 127
        , WRWR     := DBW 22
        );
    //;
    CALL FC 11
```

```
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 54
, DBWR := DB 127
, WRWR := DBW 24
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 62
, DBWR := DB 127
, WRWR := DBW 26
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 64
, DBWR := DB 127
, WRWR := DBW 28
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 72
, DBWR := DB 127
, WRWR := DBW 30
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 74
, DBWR := DB 127
, WRWR := DBW 32
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 40
```



```
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 82
, DBWR := DB 127
, WRWR := DBW 34
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 84
, DBWR := DB 127
, WRWR := DBW 36
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 92
, DBWR := DB 127
, WRWR := DBW 38
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 94
, DBWR := DB 127
, WRWR := DBW 40
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 102
, DBWR := DB 127
, WRWR := DBW 42
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 40
, KDIV := 912
, DBRD := DB 11
, WRRD := DBW 104
```

```
, DBWR      := DB 127
, WRWR      := DBW 44
);
//;
NETWORK
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 112
, DBWR      := DB 127
, WRWR      := DBW 46
);
//;
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 114
, DBWR      := DB 127
, WRWR      := DBW 48
);
//;
NETWORK
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 122
, DBWR      := DB 127
, WRWR      := DBW 50
);
//;
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 124
, DBWR      := DB 127
, WRWR      := DBW 52
);
//;
NETWORK
CALL FC 11
( KOFF      := 0
, KMUL      := 40
, KDIV      := 912
, DBRD      := DB 11
, WRRD      := DBW 132
, DBWR      := DB 127
, WRWR      := DBW 54
```

```
);  
//;  
CALL FC 11  
  ( KOFF := 0  
    , KMUL := 40  
    , KDIV := 912  
    , DBRD := DB 11  
    , WRRD := DBW 134  
    , DBWR := DB 127  
    , WRWR := DBW 56  
  );  
//;  
NETWORK  
CALL FC 11  
  ( KOFF := 0  
    , KMUL := 40  
    , KDIV := 912  
    , DBRD := DB 11  
    , WRRD := DBW 142  
    , DBWR := DB 127  
    , WRWR := DBW 58  
  );  
//;  
CALL FC 11  
  ( KOFF := 0  
    , KMUL := 40  
    , KDIV := 912  
    , DBRD := DB 11  
    , WRRD := DBW 144  
    , DBWR := DB 127  
    , WRWR := DBW 60  
  );  
//;  
NETWORK  
CALL FC 11  
  ( KOFF := 0  
    , KMUL := 40  
    , KDIV := 912  
    , DBRD := DB 11  
    , WRRD := DBW 152  
    , DBWR := DB 127  
    , WRWR := DBW 62  
  );  
//;  
CALL FC 11  
  ( KOFF := 0  
    , KMUL := 40  
    , KDIV := 912  
    , DBRD := DB 11  
    , WRRD := DBW 154  
    , DBWR := DB 127  
    , WRWR := DBW 64  
  );  
//;
```

END_FUNCTION

FUNCTION FC 14 : VOID

NAME: OP_WRITE // OP:WRITE

BEGIN

NETWORK

CALL FC 11

(KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 202
, DBWR := DB 11
, WRWR := DBW 2
);

//;

CALL FC 11

(KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 204
, DBWR := DB 11
, WRWR := DBW 4
);

//;

NETWORK

CALL FC 11

(KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 206
, DBWR := DB 11
, WRWR := DBW 12
);

//;

CALL FC 11

(KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 208
, DBWR := DB 11
, WRWR := DBW 14
);

//;

NETWORK

CALL FC 11

(KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 210
);

```
, DBWR      := DB 11
, WRWR      := DBW 22
);
//;
CALL FC 11
( KOFF      := 0
, KMUL      := 912
, KDIV      := 40
, DBRD      := DB 127
, WRRD      := DBW 212
, DBWR      := DB 11
, WRWR      := DBW 24
);
//;
NETWORK
CALL FC 11
( KOFF      := 0
, KMUL      := 912
, KDIV      := 40
, DBRD      := DB 127
, WRRD      := DBW 214
, DBWR      := DB 11
, WRWR      := DBW 32
);
//;
CALL FC 11
( KOFF      := 0
, KMUL      := 912
, KDIV      := 40
, DBRD      := DB 127
, WRRD      := DBW 216
, DBWR      := DB 11
, WRWR      := DBW 34
);
//;
NETWORK
CALL FC 11
( KOFF      := 0
, KMUL      := 912
, KDIV      := 40
, DBRD      := DB 127
, WRRD      := DBW 218
, DBWR      := DB 11
, WRWR      := DBW 42
);
//;
CALL FC 11
( KOFF      := 0
, KMUL      := 912
, KDIV      := 40
, DBRD      := DB 127
, WRRD      := DBW 220
, DBWR      := DB 11
, WRWR      := DBW 44
);
```

```
    //;
NETWORK
    CALL FC 11
        ( KOFF := 0
        , KMUL := 912
        , KDIV := 40
        , DBRD := DB 127
        , WRRD := DBW 222
        , DBWR := DB 11
        , WRWR := DBW 52
        );
    //;
    CALL FC 11
        ( KOFF := 0
        , KMUL := 912
        , KDIV := 40
        , DBRD := DB 127
        , WRRD := DBW 224
        , DBWR := DB 11
        , WRWR := DBW 54
        );
    //;
NETWORK
    CALL FC 11
        ( KOFF := 0
        , KMUL := 912
        , KDIV := 40
        , DBRD := DB 127
        , WRRD := DBW 226
        , DBWR := DB 11
        , WRWR := DBW 62
        );
    //;
    CALL FC 11
        ( KOFF := 0
        , KMUL := 912
        , KDIV := 40
        , DBRD := DB 127
        , WRRD := DBW 228
        , DBWR := DB 11
        , WRWR := DBW 64
        );
    //;
NETWORK
    CALL FC 11
        ( KOFF := 0
        , KMUL := 912
        , KDIV := 40
        , DBRD := DB 127
        , WRRD := DBW 230
        , DBWR := DB 11
        , WRWR := DBW 72
        );
    //;
    CALL FC 11
```

```
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 232
, DBWR := DB 11
, WRWR := DBW 74
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 234
, DBWR := DB 11
, WRWR := DBW 82
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 236
, DBWR := DB 11
, WRWR := DBW 84
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 238
, DBWR := DB 11
, WRWR := DBW 92
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 240
, DBWR := DB 11
, WRWR := DBW 94
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 912
```

```
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 242
, DBWR := DB 11
, WRWR := DBW 102
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 244
, DBWR := DB 11
, WRWR := DBW 104
);
//;
NETWORK
CALL FC 11
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 246
, DBWR := DB 11
, WRWR := DBW 112
);
//;
CALL FC 11
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 248
, DBWR := DB 11
, WRWR := DBW 114
);
//;
NETWORK
AUF DB 127;
//;
L DBW 264;
L 5;
+I;
T DBW 250;
//;
CALL FC 11
( KOFF := 0
, KMUL := 912
, KDIV := 40
, DBRD := DB 127
, WRRD := DBW 250
, DBWR := DB 11
, WRWR := DBW 122
);
```



```
//;  
AUF DB 127;  
//;  
L   DBW 246;  
T   DBW 252;  
//;  
CALL FC 11  
  ( KOFF  := 0  
    , KMUL := 912  
    , KDIV := 40  
    , DBRD := DB 127  
    , WRRD := DBW 252  
    , DBWR := DB 11  
    , WRWR := DBW 124  
  );  
//;  
NETWORK  
AUF DB 127;  
//;  
L   DBW 260;  
T   DBW 254;  
//;  
CALL FC 11  
  ( KOFF  := 0  
    , KMUL := 912  
    , KDIV := 40  
    , DBRD := DB 127  
    , WRRD := DBW 254  
    , DBWR := DB 11  
    , WRWR := DBW 132  
  );  
//;  
AUF DB 127;  
//;  
L   DBW 264;  
T   DBW 256;  
//;  
CALL FC 11  
  ( KOFF  := 0  
    , KMUL := 912  
    , KDIV := 40  
    , DBRD := DB 127  
    , WRRD := DBW 256  
    , DBWR := DB 11  
    , WRWR := DBW 134  
  );  
//;  
NETWORK  
CALL FC 11  
  ( KOFF  := 0  
    , KMUL := 912  
    , KDIV := 40  
    , DBRD := DB 127  
    , WRRD := DBW 258  
    , DBWR := DB 11
```

```
    , WRWR    := DBW 142
  );
//;
CALL FC 11
( KOFF    := 0
, KMUL    := 912
, KDIV    := 40
, DBRD    := DB 127
, WRRD    := DBW 260
, DBWR    := DB 11
, WRWR    := DBW 144
);
//;
NETWORK
AUF DB 127;
//;
L    DBW 264;
L    10;
-I;
T    DBW 262;
//;
CALL FC 11
( KOFF    := 0
, KMUL    := 912
, KDIV    := 40
, DBRD    := DB 127
, WRRD    := DBW 262
, DBWR    := DB 11
, WRWR    := DBW 152
);
//;
CALL FC 11
( KOFF    := 0
, KMUL    := 912
, KDIV    := 40
, DBRD    := DB 127
, WRRD    := DBW 264
, DBWR    := DB 11
, WRWR    := DBW 154
);
//;
NETWORK
AUF DB 127;
//;
L    DBW 266;
T    DBW 66;
//;
L    DBW 268;
T    DBW 68;
//;
L    DBW 270;
T    DBW 70;
//;
L    DBW 272;
T    DBW 72;
```

```
//;  
L   DBW 274;  
T   DBW 74;  
//;  
L   DBW 276;  
T   DBW 76;  
//;  
L   DBW 278;  
T   DBW 78;  
//;  
L   DBW 280;  
T   DBW 80;  
//;  
L   DBW 282;  
T   DBW 82;  
//;  
L   DBW 284;  
T   DBW 84;  
//;  
L   DBW 286;  
T   DBW 86;  
//;  
L   DBW 288;  
T   DBW 88;  
//;  
L   DBW 290;  
T   DBW 90;  
//;  
L   DBW 292;  
T   DBW 92;  
//;  
L   DBW 294;  
T   DBW 94;  
//;  
L   DBW 296;  
T   DBW 96;  
//;  
L   DBW 298;  
T   DBW 98;  
//;  
L   DBW 300;  
T   DBW 100;  
//;  
L   DBW 302;  
T   DBW 102;  
//;  
L   DBW 304;  
T   DBW 104;  
//;  
L   DBW 306;  
T   DBW 106;  
//;  
L   DBW 308;  
T   DBW 108;  
//;
```

```
L    DBW 310;
T    DBW 110;
//;
L    DBW 312;
T    DBW 112;
//;
L    DBW 314;
T    DBW 114;
//;
L    DBW 316;
T    DBW 116;
//;
L    DBW 318;
T    DBW 118;
//;
L    DBW 320;
T    DBW 120;
//;
L    DBW 322;
T    DBW 122;
//;
L    DBW 324;
T    DBW 124;
//;
L    DBW 326;
T    DBW 126;
//;
L    DBW 328;
T    DBW 128;
//;
L    DBW 402;
T    DBW 442;
//;
L    DBW 404;
T    DBW 444;
//;
L    DBW 406;
T    DBW 446;
//;
L    DBW 408;
T    DBW 448;
//;
L    DBW 410;
T    DBW 450;
//;
L    DBW 412;
T    DBW 452;
//;
NETWORK
AUF DB 127;
//;
L    1000;
T    DBW 340;
//;
CALL FC 83
```

```
    ( Z_1      := DBW 452
      , Z_2      := DBW 340
      , Z3_0      := M 127.7
      , Z_32      := DBW 342
      , Z_31      := DBW 344
    );
  //;
  L    DBW 344;
  AUF DB 11;
  T    DBW 158;
  //;
NETWORK
  AUF DB 127;
  //;
  L    0;
  T    DBW 400;
  //;
  S    M 127.0;
  //;
```

END_FUNCTION

FUNCTION FC 15 : VOID

NAME: ANOUT

VAR_INPUT

```
  KOFF      :int;      // KOFF
  KMUL      :int;      // KMUL
  KDIV      :int;      // KDIV
  KBAS      :int;      // KBAS
  DBRD      :block_db; // DBRD
  WRRD      :word;     // WRRD
```

END_VAR

VAR_OUTPUT

```
  WRWR      :word;     // WRWR
```

END_VAR

BEGIN

NETWORK

```
  AUF DB 127;
  //;
  L    #KOFF;
  T    DBW 488;
  //;
  L    0;
  T    DBW 480;
  //;
  L    #KBAS;
  L    0;
  ==I;
  SPB M001;
  //;
  L    #KBAS;
  L    1;
  ==I;
  SPB M002;
```

```
//;  
L #KBAS;  
L 2;  
==I;  
SPB M003;  
//;  
M001:U M 28.1;  
SPB M004;  
//;  
SPA M005;  
//;  
M004:L -6000;  
T #WRWR;  
BEA;  
//;  
M005:NOP 0;  
AUF #DBRD ;  
L #WRRD;  
//;  
AUF DB 127;  
T DBW 482;  
SPA M006;  
//;  
M002:AUF DB 127;  
L DBW 442;  
AUF #DBRD ;  
L #WRRD;  
-I;  
AUF DB 127;  
T DBW 482;  
SPA M007;  
//;  
M003:AUF DB 127;  
L DBW 442;  
AUF #DBRD ;  
L #WRRD;  
+I;  
AUF DB 127;  
T DBW 482;  
//;  
M007:L DBW 482;  
L 0;  
>I;  
SPB M006;  
//;  
L 0;  
T DBW 482;  
//;  
M006:L 0;  
T DBW 484;  
//;  
L #KMUL;  
T DBW 486;  
//;  
CALL FC 87
```

```

    ( Z_12 := DBW 480
    , Z_11 := DBW 482
    , Z_22 := DBW 484
    , Z_21 := DBW 486
    , Z3_0 := M 130.0
    , Z_34 := DBW 488
    , Z_33 := DBW 490
    , Z_32 := DBW 492
    , Z_31 := DBW 494
    );
//;
L 0;
T DBW 496;
//;
L #KDIV;
T DBW 18;
//;
CALL FC 88
    ( Z_12 := DBW 492
    , Z_11 := DBW 494
    , Z_22 := DBW 496
    , Z_21 := DBW 498
    , OV := M 130.1
    , FEH := M 130.2
    , Z3_0 := M 130.3
    , Z4_0 := M 130.4
    , Z_32 := DBW 500
    , Z_31 := DBW 502
    , Z_42 := DBW 504
    , Z_41 := DBW 506
    );
//;
L DBW 502;
L DBW 508;
+I;
T #WRWR;
//;

```

END_FUNCTION

FUNCTION FC 16 : VOID

NAME: COMPR

VAR_OUTPUT

AKT :bool; // AKT

ERR :bool; // ERR

END_VAR

BEGIN

NETWORK

// ASM 0;

// *** Errore alla riga 2660 (FB 238): Comando non definit

o. ***

END_FUNCTION

```
FUNCTION FC 17 : VOID
  NAME: DELETE
  VAR_INPUT
    _TYPE      :word;      // TYPE
    NUM        :byte;      // NUM
  END_VAR
  VAR_OUTPUT
    ERR        :byte;      // ERR
  END_VAR
  BEGIN
  NETWORK
  //      ASM 0;
  // *** Errore alla riga      2677  (FB 239):  Comando non definit
o. ***
```

END_FUNCTION

```
FUNCTION FC 18 : VOID
  NAME: SEND
  VAR_INPUT
    SSNR       :word;      // SSNR
    A_NR       :word;      // A-NR
    ANZW       :word;      // ANZW
    QTYP       :word;      // QTYP
    DBNR       :word;      // DBNR
    QANF       :int;       // QANF
    QLAE       :int;       // QLAE
  END_VAR
  VAR_OUTPUT
    PAFE       :byte;      // PAFE
  END_VAR
  BEGIN
  NETWORK
  //      ASM 0;
  // *** Errore alla riga      2699  (FB 244):  Comando non definit
o. ***
```

END_FUNCTION

```
FUNCTION FC 19 : VOID
  NAME: RECEIVE
  VAR_INPUT
    SSNR       :word;      // SSNR
    A_NR       :word;      // A-NR
    ANZW       :word;      // ANZW
    ZTYP       :word;      // ZTYP
    DBNR       :word;      // DBNR
    ZANF       :int;       // ZANF
    ZLAE       :int;       // ZLAE
  END_VAR
  VAR_OUTPUT
    PAFE       :byte;      // PAFE
```



```
END_VAR
BEGIN
NETWORK
//      ASM 0;
// *** Errore alla riga      2721  (FB 245):  Comando non definit
o. ***
```

END_FUNCTION

FUNCTION FC 20 : VOID

NAME: FETCH

VAR_INPUT

```
SSNR      :word;      // SSNR
A_NR      :word;      // A-NR
ANZW      :word;      // ANZW
ZTYP      :word;      // ZTYP
DBNR      :word;      // DBNR
ZANF      :int;       // ZANF
ZLAE      :int;       // ZLAE
```

END_VAR

VAR_OUTPUT

```
PAFE      :byte;      // PAFE
```

END_VAR

BEGIN

NETWORK

```
//      ASM 0;
// *** Errore alla riga      2743  (FB 246):  Comando non definit
o. ***
```

END_FUNCTION

FUNCTION FC 21 : VOID

NAME: CONTROL

VAR_INPUT

```
SSNR      :word;      // SSNR
A_NR      :word;      // A-NR
ANZW      :word;      // ANZW
```

END_VAR

VAR_OUTPUT

```
PAFE      :byte;      // PAFE
```

END_VAR

BEGIN

NETWORK

```
//      ASM 0;
// *** Errore alla riga      2761  (FB 247):  Comando non definit
o. ***
```

END_FUNCTION

FUNCTION FC 22 : VOID

NAME: RESET

VAR_INPUT

```
    SSNR      :word;      // SSNR
    A_NR      :word;      // A-NR
END_VAR
VAR_OUTPUT
    PAFE      :byte;      // PAFE
END_VAR
BEGIN
NETWORK
//      ASM 0;
// *** Errore alla riga      2778      (FB 248):  Comando non definit
o. ***
```

END_FUNCTION

```
FUNCTION FC 23 : VOID
NAME: SYNCHRON
VAR_INPUT
    SSNR      :word;      // SSNR
    BLGR      :word;      // BLGR
END_VAR
VAR_OUTPUT
    PAFE      :byte;      // PAFE
END_VAR
BEGIN
NETWORK
//      ASM 0;
// *** Errore alla riga      2795      (FB 249):  Comando non definit
o. ***
```

END_FUNCTION

```
FUNCTION FC 24 : VOID
NAME: RLG_AE // RLG:AE
VAR_INPUT
    BG        :int;       // BG
    KNKT      :word;      // KNKT
    OGR       :int;       // OGR
    UGR       :int;       // UGR
    EINZ      :bool;      // EINZ
END_VAR
VAR_OUTPUT
    XA        :word;      // XA
    _FB       :bool;      // FB
    BU        :bool;      // BU
    TBIT      :bool;      // TBIT
END_VAR
BEGIN
NETWORK
//      ASM 0;
// *** Errore alla riga      2818      (FB 250):  Comando non definit
o. ***
```

END_FUNCTION

FUNCTION FC 25 : VOID

NAME: RLG_AA // RLG:AA

VAR_INPUT

XE :word; // XE
BG :int; // BG
KNKT :word; // KNKT
OGR :int; // OGR
UGR :int; // UGR

END_VAR

VAR_OUTPUT

FEH :bool; // FEH
BU :bool; // BU

END_VAR

BEGIN

NETWORK

// ASM 0;

// *** Errore alla riga 2839 (FB 251): Comando non definit

o. ***

END_FUNCTION

ORGANIZATION_BLOCK OB 1

VAR_TEMP

OB1_EV_CLASS : BYTE ; //Bits 0-3 = 1 (Coming event), Bits 4-7 =
1 (Event class 1)
OB1_SCAN_1 : BYTE ; //1 (Cold restart scan 1 of OB 1), 3 (Scan
2-n of OB 1)
OB1_PRIORITY : BYTE ; //1 (Priority of 1 is lowest)
OB1_OB_NUMBR : BYTE ; //1 (Organization block 1, OB1)
OB1_RESERVED_1 : BYTE ; //Reserved for system
OB1_RESERVED_2 : BYTE ; //Reserved for system
OB1_PREV_CYCLE : INT ; //Cycle time of previous OB1 scan (milli
seconds)
OB1_MIN_CYCLE : INT ; //Minimum cycle time of OB1 (milliseconds
)
OB1_MAX_CYCLE : INT ; //Maximum cycle time of OB1 (milliseconds
)
OB1_DATE_TIME : DATE_AND_TIME ; //Date and time OB1 started

END_VAR

BEGIN

NETWORK

CALL FC 26;
CALL FC 27;
CALL FC 28;

NETWORK

U M 127.0;
SPBN X000;
CALL FC 34;

X000: NOP 0;

NETWORK

CALL FC 3
(DBWF := DB 10

```

    );
NETWORK
    L    B#(51,0);
    SPBN  X001;
    // CALL FB 51;
// *** Errore alla riga      2875  (OB   1):  Il blocco non esist
e. ***
X001: NOP 0;
    T    MW 100;
NETWORK
    CALL FC 9;
NETWORK
    CALL FC 10;
NETWORK
    CALL FC 11
    ( KOFF  :=  0
    , KMUL   :=  40
    , KDIV   :=  912
    , DBRD   :=  DB 10
    , WRRD   :=  DBW 20
    , DBWR   :=  DB 125
    , WRWR   :=  DBW 2
    );
NETWORK
    CALL FC 12;
NETWORK
    AUF DB 100;
    CALL FC 29;
    CALL FC 30;
    CALL FC 31;
    CALL FC 32;
    CALL FC 35;
    CALL FC 36;
NETWORK
    AUF DB 10;
    CALL FC 33;
NETWORK
    AUF DB 100;
    CALL FC 37;
NETWORK
    U(;
    ON  E 16.7;
    O   E 16.7;
    );
    U   M 0.3;
    O   M 28.1;
    SPBN  X002;
    CALL FC 38;
X002: NOP 0;
NETWORK
    UN   A 61.6;
    =    A 61.6;

```

END_ORGANIZATION_BLOCK

ORGANIZATION_BLOCK OB 100

VAR_TEMP

```
OB100_EV_CLASS : BYTE ;    //16#13, Event class 1, Entering event
state, Event logged in diagnostic buffer
OB100_STRTUP : BYTE ;      //16#81/82/83/84 Method of startup
OB100_PRIORITY : BYTE ;    //27 (Priority of 1 is lowest)
OB100_OB_NUMBR : BYTE ;    //100 (Organization block 100, OB100)
OB100_RESERVED_1 : BYTE ; //Reserved for system
OB100_RESERVED_2 : BYTE ; //Reserved for system
OB100_STOP : WORD ;        //Event that caused CPU to stop (16#4xxx)
OB100_STRT_INFO : DWORD ; //Information on how system started
OB100_DATE_TIME : DATE_AND_TIME ; //Date and time OB100 started
```

END_VAR

BEGIN

NETWORK

```
CALL FC 1
( DBWF := DB 10
);
//;
U M 255.0;
R M 255.0;
//;
CALL FC 2
( DBWF := DB 10
, DBNO := DB 11
, H_L := M 255.0
);
```

NETWORK

```
AUF DB 51;
//;
L 1;
T DBW 128;
```

END_ORGANIZATION_BLOCK

ORGANIZATION_BLOCK OB 101

// *** Avvertenza alla riga 2961: Se si tratta di S5115U,
cambiare in OB 100.

VAR_TEMP

```
OB101_EV_CLASS : BYTE ;    //16#13, Event class 1, Entering event
state, Event logged in diagnostic buffer
OB101_STRTUP : BYTE ;      //16#81/82/83/84 Method of startup
OB101_PRIORITY : BYTE ;    //27 (Priority of 1 is lowest)
OB101_OB_NUMBR : BYTE ;    //101 (Organization block 101, OB101)
OB101_RESERVED_1 : BYTE ; //Reserved for system
OB101_RESERVED_2 : BYTE ; //Reserved for system
OB101_STOP : WORD ;        //Event that caused CPU to stop (16#4xxx)
OB101_STRT_INFO : DWORD ; //Information on how system started
OB101_DATE_TIME : DATE_AND_TIME ; //Date and time OB101 started
```

END_VAR

BEGIN

```

NETWORK
    CALL FC 1
      ( DBWF      := DB 10
      );
    //;
    U    M 255.0;
    R    M 255.0;
    //;
    CALL FC 2
      ( DBWF      := DB 10
      , DBNO      := DB 11
      , H_L       := M 255.0
      );

```

```

NETWORK
    AUF DB 51;
    //;
    L    1;
    T    DBW 128;

```

```

END_ORGANIZATION_BLOCK

```

```

//
// ORGANIZATION_BLOCK OB 22
// // *** Errore alla riga    2996 (OB 22): Il programma in O
B deve essere formulato diversamente (p. es. tramite SFC). ***

```

```

//VAR_TEMP
// loc0: ARRAY [0..19] of BYTE;
// END_VAR
// BEGIN
// NETWORK
//     CALL FC 1
//       ( DBWF      := DB 10
//       );
//     //;
//     U    M 255.0;
//     R    M 255.0;
//     //;
//     CALL FC 2
//       ( DBWF      := DB 10
//       , DBNO      := DB 11
//       , H_L       := M 255.0
//       );
// NETWORK
//     AUF DB 51;
//     //;
//     L    1;
//     T    DBW 128;
//
//

```

```

//END_ORGANIZATION_BLOCK

```

```

// ORGANIZATION_BLOCK OB 31
// // *** Errore alla riga    3024 (OB 31): Il programma in O
B deve essere formulato diversamente (p. es. tramite SFC). ***
//VAR_TEMP

```

```
// loc0: ARRAY [0..19] of BYTE;
// END_VAR
// BEGIN
// NETWORK
// //      ASM 0;
// // *** Errore alla riga      3032  (OB  31):  Comando non defin
ito. ***
//
//
//END_ORGANIZATION_BLOCK
```

FUNCTION FC 26 : VOID

BEGIN

NETWORK

```
    AUF DB 120;
    L   DBW 22;
    AUF DB 125;
    T   DBW 62;
    //;
    //;
    AUF DB 10;
    L   DBB 29;
    T   MB 4;
    L   DBB 28;
    T   MB 5;
```

END_FUNCTION

FUNCTION FC 27 : VOID

BEGIN

NETWORK

```
    AUF DB 125;
    L   DBW 2;
    AUF DB 127;
    T   DBW 330;
```

NETWORK

```
    L   DBW 330;
    L   DBW 266;
    >=I;
    =   M 6.0;
```

NETWORK

```
    L   DBW 330;
    L   DBW 268;
    <=I;
    =   M 6.1;
```

NETWORK

```
    L   DBW 268;
    L   DBW 266;
    >I;
    =   M 6.2;
```

NETWORK

```
    L   DBW 266;
    L   DBW 268;
    >I;
```

```
      = M 6.3;
NETWORK
      U M 6.0;
      U M 6.1;
      U M 6.2;
      0;
      U( ;
      0 M 6.0;
      0 M 6.1;
      );
      U M 6.3;
      = M 1.0;
NETWORK
      L DBW 330;
      L DBW 270;
      >=I;
      = M 6.4;
NETWORK
      L DBW 330;
      L DBW 272;
      <=I;
      = M 6.5;
NETWORK
      L DBW 272;
      L DBW 270;
      >I;
      = M 6.6;
NETWORK
      L DBW 270;
      L DBW 272;
      >I;
      = M 6.7;
NETWORK
      U M 6.4;
      U M 6.5;
      U M 6.6;
      0;
      U( ;
      0 M 6.4;
      0 M 6.5;
      );
      U M 6.7;
      = M 1.1;
NETWORK
      L DBW 330;
      L DBW 274;
      >=I;
      = M 7.0;
NETWORK
      L DBW 330;
      L DBW 276;
      <=I;
      = M 7.1;
NETWORK
      L DBW 276;
```



```
L    DBW 274;
>I;
=    M 7.2;
NETWORK
L    DBW 274;
L    DBW 276;
>I;
=    M 7.3;
NETWORK
U    M 7.0;
U    M 7.1;
U    M 7.2;
0;
U( ;
0    M 7.0;
0    M 7.1;
);
U    M 7.3;
=    M 1.2;
NETWORK
L    DBW 330;
L    DBW 278;
>=I;
=    M 7.4;
NETWORK
L    DBW 330;
L    DBW 280;
<=I;
=    M 7.5;
NETWORK
L    DBW 280;
L    DBW 278;
>I;
=    M 7.6;
NETWORK
L    DBW 278;
L    DBW 280;
>I;
=    M 7.7;
NETWORK
U    M 7.4;
U    M 7.5;
U    M 7.6;
0;
U( ;
0    M 7.4;
0    M 7.5;
);
U    M 7.7;
=    M 1.3;
NETWORK
L    DBW 330;
L    DBW 282;
>=I;
=    M 8.0;
```

```
NETWORK
  L    DBW 330;
  L    DBW 284;
  <=I;
  =    M 8.1;
NETWORK
  L    DBW 284;
  L    DBW 282;
  >I;
  =    M 8.2;
NETWORK
  L    DBW 282;
  L    DBW 284;
  >I;
  =    M 8.3;
NETWORK
  U    M 8.0;
  U    M 8.1;
  U    M 8.2;
  0;
  U( ;
  0    M 8.0;
  0    M 8.1;
  );
  U    M 8.3;
  =    M 1.4;
NETWORK
  L    DBW 330;
  L    DBW 286;
  >=I;
  =    M 8.4;
NETWORK
  L    DBW 330;
  L    DBW 288;
  <=I;
  =    M 8.5;
NETWORK
  L    DBW 288;
  L    DBW 286;
  >I;
  =    M 8.6;
NETWORK
  L    DBW 286;
  L    DBW 288;
  >I;
  =    M 8.7;
NETWORK
  U    M 8.4;
  U    M 8.5;
  U    M 8.6;
  0;
  U( ;
  0    M 8.4;
  0    M 8.5;
  );
```

```
U    M 8.7;
=    M 1.5;
NETWORK
L    DBW 330;
L    DBW 290;
>=I;
=    M 9.0;
NETWORK
L    DBW 330;
L    DBW 292;
<=I;
=    M 9.1;
NETWORK
L    DBW 292;
L    DBW 290;
>I;
=    M 9.2;
NETWORK
L    DBW 290;
L    DBW 292;
>I;
=    M 9.3;
NETWORK
U    M 9.0;
U    M 9.1;
U    M 9.2;
0;
U( ;
0    M 9.0;
0    M 9.1;
);
U    M 9.3;
=    M 1.6;
NETWORK
L    DBW 330;
L    DBW 294;
>=I;
=    M 9.4;
NETWORK
L    DBW 330;
L    DBW 296;
<=I;
=    M 9.5;
NETWORK
L    DBW 296;
L    DBW 294;
>I;
=    M 9.6;
NETWORK
L    DBW 294;
L    DBW 296;
>I;
=    M 9.7;
NETWORK
U    M 9.4;
```

```
U    M 9.5;
U    M 9.6;
O;
U( ;
O    M 9.4;
O    M 9.5;
);
U    M 9.7;
=    M 1.7;
```

END_FUNCTION

FUNCTION FC 28 : VOID

BEGIN

NETWORK

```
UN   A 52.0;
UN   A 52.1;
O    A 52.2;
O    E 13.2;
=    M 58.1;
```

NETWORK

```
O    E 13.2;
O;
U( ;
O    E 13.3;
O;
U    E 13.4;
U( ;
ON   E 16.6;
ON   E 27.0;
O    M 5.2;
);
);
U    A 52.0;
=    M 58.2;
```

NETWORK

```
UN   M 12.7;
UN   M 12.5;
UN   M 14.0;
UN   M 13.4;
UN   M 12.6;
UN   M 15.3;
UN   M 15.4;
=    M 58.4;
```

NETWORK

```
UN   A 53.0;
UN   M 17.1;
UN   M 17.2;
UN   M 17.3;
UN   M 15.5;
UN   M 14.7;
UN   M 13.6;
=    M 58.5;
```

NETWORK

```

UN  M 10.0;
UN  M 10.1;
UN  M 10.2;
UN  M 10.3;
UN  M 10.4;
UN  M 10.5;
=   M 58.6;
NETWORK
UN  M 10.6;
UN  M 54.2;
UN  M 15.2;
UN  M 13.1;
UN  M 57.3;
UN  M 15.0;
=   M 58.7;
NETWORK
UN  M 55.0;
=   M 59.0;
NETWORK
UN  E 25.5;
U   M 59.3;
=   M 59.2;
U   M 59.2;
R   M 59.3;
U   E 25.5;
S   M 59.3;
NOP 0;
NETWORK
UN  E 16.7;
UN  M 55.0;
O   E 21.5;
S   M 59.4;
NETWORK
U   M 59.2;
U   M 55.0;
R   M 59.4;
NETWORK
U   M 58.1;
U   M 58.2;
U   M 58.4;
U   M 58.5;
U( ;
U   M 58.6;
U   M 58.7;
U   M 59.0;
O   M 59.4;
);
=   M 59.1;
NETWORK
U   M 59.1;
U   M 43.0;
UN  M 57.3;
=   A 29.1;
NETWORK
U   M 59.1;

```

```

U( ;
O   E 13.2;
O   E 13.3;
);
U   M 1.4;
=   M 42.5;
NETWORK
U   M 59.1;
U( ;
O   E 13.2;
O;
U   E 17.1;
U   E 16.7;
U   E 16.6;
O;
U   E 27.0;
U   M 0.0;
UN  M 15.5;
U   A 52.2;
O;
U( ;
O   E 13.3;
O   E 13.4;
);
U( ;
O   E 16.6;
O   E 27.0;
);
);
=   M 42.6;
NETWORK
U   E 27.1;
U   M 43.4;
=   M 43.3;
U   M 43.3;
R   M 43.4;
UN  E 27.1;
S   M 43.4;
NOP 0;
NETWORK
UN  E 27.1;
U   M 43.6;
=   M 43.5;
U   M 43.5;
R   M 43.6;
U   E 27.1;
S   M 43.6;
NOP 0;
NETWORK
O   M 43.3;
O   M 43.5;
L   S5TIME#100ms;
SI  T 22;
NOP 0;
NOP 0;

```

```

    NOP 0;
    U    T 22;
    =    M 43.7;
NETWORK
    UN   A 52.0;
    UN   A 52.1;
    UN   M 49.1;
    U    E 13.2;
    U    E 12.0;
    =    M 49.0;
NETWORK
    UN   A 52.0;
    UN   A 52.1;
    =    M 49.1;
NETWORK
    U    M 49.0;
    U    E 13.2;
    L    S5TIME#1m;
    SA   T 40;
    ON   E 13.2;
    ON   E 12.0;
    R    T 40;
    NOP 0;
    NOP 0;
    U    T 40;
    =    M 49.2;
NETWORK
    O    E 13.4;
    O;
    U    E 13.2;
    UN   A 52.0;
    UN   A 52.1;
    U    M 49.2;
    O;
    U    M 59.1;
    U    E 13.2;
    U    E 27.0;
    UN   E 25.5;
    U    M 0.0;
    O    M 42.5;
    O;
    UN   A 52.2;
    U(;
    U    A 52.1;
    U(;
    ON   E 27.1;
    O    M 43.7;
    );
    O;
    U    A 52.0;
    U(;
    O    E 27.1;
    O    M 43.7;
    );
    );

```

```

      = M 42.7;
NETWORK
      U M 42.6;
      U M 42.7;
      UN M 15.4;
      = M 43.0;

```

END_FUNCTION

FUNCTION FC 29 : VOID

```

BEGIN
NETWORK
      U( ;
      U M 59.1;
      U M 0.4;
      U E 13.4;
      U A 53.2;
      UN E 16.0;
      L DBW 32;
      SE T 21;
      NOP 0;
      NOP 0;
      NOP 0;
      U T 21;
      );
      UN E 16.6;
      = M 59.5;

```

```

NETWORK
      U E 13.4;
      U M 43.0;
      U M 41.1;
      U A 52.0;
      = M 43.1;

```

```

NETWORK
      U( ;
      O M 1.0;
      O A 28.6;
      );
      U M 28.0;
      U M 43.1;
      = A 28.6;

```

```

NETWORK
      U( ;
      U A 52.0;
      UN E 16.6;
      O M 1.2;
      );
      U( ;
      O E 25.2;
      ON E 25.2;
      );
      = M 40.3;

```

```

NETWORK
      U M 59.1;

```



```

U( ;
U   E 13.4;
U( ;
O   E 16.6;
O   M 40.1;
);
O   E 13.2;
);
=   M 40.6;
NETWORK
U   E 27.0;
UN  M 14.5;
U   E 24.7;
=   M 42.4;
NETWORK
U   E 13.4;
U   M 41.1;
UN  M 42.2;
U   M 0.0;
=   M 40.4;
NETWORK
U   E 20.6;
U   E 19.3;
U   E 19.4;
UN  M 13.4;
UN  M 13.6;
UN  M 15.0;
=   M 40.5;
NETWORK
U   M 40.6;
U   E 13.4;
U   M 40.3;
U( ;
U   M 40.2;
U( ;
O   E 27.0;
O   E 16.6;
ON  M 5.2;
ON  A 28.6;
);
O;
U   M 42.4;
U( ;
O   M 40.5;
O   E 23.2;
O;
U   M 40.1;
U( ;
O   E 23.0;
O   E 23.1;
);
);
);
=   M 40.2;
NETWORK

```

```

    U    M 40.6;
    U    E 20.7;
    U    E 21.0;
    U(;
    U(;
    O    M 40.5;
    O    E 23.2;
    );
    UN   E 16.0;
    O    M 41.1;
    );
    U(;
    O    E 21.1;
    O;
    U    E 21.2;
    U    M 40.7;
    );
    =    M 41.0;
NETWORK
    U    M 41.0;
    UN   M 59.5;
    UN   M 13.5;
    UN   M 13.6;
    UN   M 15.0;
    UN   M 15.7;
    =    M 41.1;
NETWORK
    U    M 59.1;
    U    E 13.2;
    U(;
    O    M 1.3;
    O    E 27.0;
    );
    =    M 40.7;
NETWORK
    U    M 59.1;
    U    E 21.0;
    U    E 20.7;
    UN   M 59.5;
    U(;
    O    E 23.0;
    O    E 23.1;
    O;
    U    M 40.1;
    U    M 40.2;
    );
    =    M 40.1;
NETWORK
    U    M 59.1;
    U(;
    U    E 21.0;
    U    E 20.7;
    U    M 28.0;
    U    M 41.3;
    O    M 41.1;

```

```

);
= M 41.3;
NETWORK
U M 59.1;
U(;
U M 41.3;
U M 41.1;
U(;
O E 13.2;
O E 13.4;
O;
U E 16.5;
UN E 16.4;
O M 28.0;
O M 28.1;
);
O;
U E 13.4;
U A 28.6;
U E 16.6;
);
UN M 15.7;
= M 41.4;
NETWORK
U M 41.4;
U E 12.0;
U E 19.4;
= A 29.2;
NETWORK
U E 13.4;
U(;
UN E 16.4;
U E 16.5;
O M 46.5;
O;
U E 13.4;
UN M 60.5;
);
UN E 23.4;
= M 46.5;
NETWORK
U E 23.4;
S M 60.5;
UN A 53.2;
R M 60.5;
NOP 0;
NETWORK
U E 12.0;
= A 29.3;
NETWORK
U E 12.0;
U E 19.4;
U E 19.0;
= A 28.0;
NETWORK

```

```

    U    M 41.4;
    U    E 21.1;
    UN   M 28.1;
    U(;
    U    M 46.5;
    UN   M 57.3;
    UN   M 55.0;
    O    M 1.5;
    O    E 13.2;
    O    E 13.3;
    );
    U(;
    O    A 52.2;
    ON   E 13.4;
    );
    =    M 28.0;
NETWORK
    U    M 41.4;
    U    M 40.7;
    UN   M 28.0;
    U    E 21.2;
    =    M 28.1;
NETWORK
    U    M 40.2;
    U(;
    U    E 16.5;
    UN   E 25.5;
    O    M 41.5;
    );
    U(;
    O    E 16.6;
    O    M 41.1;
    );
    U(;
    U    M 46.5;
    UN   M 57.3;
    UN   M 55.0;
    O    M 1.5;
    O    E 13.2;
    O    E 13.3;
    );
    =    M 41.6;
NETWORK
    U    M 59.1;
    U    E 13.2;
    U(;
    O    E 23.5;
    O    E 23.6;
    );
    U(;
    O    M 1.2;
    O    E 27.0;
    O;
    U    M 40.7;
    U    E 21.2;

```

```

    );
    = M 41.7;
NETWORK
    U(;
    O M 41.6;
    O M 41.7;
    );
    U(;
    O M 28.0;
    O;
    U M 28.1;
    U M 40.7;
    );
    = M 41.5;
NETWORK
    U M 41.5;
    U(;
    O A 52.2;
    ON E 13.4;
    );
    = A 53.2;
NETWORK
    U E 22.7;
    = A 53.3;
NETWORK
    UN E 16.7;
    U M 65.0;
    = M 65.1;
    U M 65.1;
    R M 65.0;
    U E 16.7;
    S M 65.0;
    NOP 0;
NETWORK
    U M 65.1;
    U E 13.2;
    L S5TIME#250ms;
    SA T 39;
    NOP 0;
    NOP 0;
    NOP 0;
    U T 39;
    = M 65.2;
NETWORK
    U(;
    O E 16.7;
    O M 65.2;
    );
    U E 13.2;
    = A 28.7;

```

END_FUNCTION

FUNCTION FC 30 : VOID

```
BEGIN
NETWORK
  U   E 26.0;
  U   M 45.2;
  =   M 45.1;
  U   M 45.1;
  R   M 45.2;
  UN  E 26.0;
  S   M 45.2;
  NOP 0;
NETWORK
  U   M 45.1;
  UN  M 45.3;
  S   M 45.3;
  S   M 45.4;
NETWORK
  U   M 45.1;
  U   M 45.3;
  UN  M 45.4;
  R   M 45.3;
NETWORK
  UN  M 0.0;
  R   M 45.4;
NETWORK
  ON  M 1.1;
  ON  E 16.0;
  =   M 57.7;
NETWORK
  U   A 52.2;
  U   E 13.4;
  U   M 28.0;
  UN  M 55.0;
  U   M 45.3;
  UN  M 13.5;
  U   E 18.4;
  0;
  UN  E 18.4;
  U   E 18.5;
  =   M 45.0;
NETWORK
  U( ;
  U   M 45.0;
  L   S5TIME#500ms;
  SE  T 18;
  NOP 0;
  NOP 0;
  NOP 0;
  U   T 18;
  );
  U   M 57.7;
  =   A 28.2;
NETWORK
  UN  M 13.5;
  U   E 18.4;
  U( ;
```

```

    U    E 18.3;
    UN   E 18.1;
    0;
    U    E 18.2;
    UN   E 18.0;
    );
    0;
    UN   E 18.4;
    U    E 18.6;
    =    M 46.4;
NETWORK
    U    M 46.4;
    L    S5TIME#500ms;
    SE   T 19;
    NOP  0;
    NOP  0;
    NOP  0;
    U    T 19;
    =    M 47.3;
NETWORK
    U( ;
    U    M 47.3;
    L    DBW 34;
    SA   T 27;
    NOP  0;
    NOP  0;
    NOP  0;
    U    T 27;
    );
    UN   M 45.0;
    =    A 28.3;
NETWORK
    U    E 17.6;
    U    E 13.4;
    U    M 28.0;
    UN   A 29.5;
    L    DBW 36;
    SA   T 23;
    NOP  0;
    NOP  0;
    NOP  0;
    U    T 23;
    =    M 46.2;
NETWORK
    U    M 46.2;
    U    E 17.6;
    0;
    UN   E 17.6;
    U    E 17.3;
    =    A 29.4;
NETWORK
    UN   E 17.6;
    U    E 17.4;
    UN   E 17.3;
    UN   A 29.4;

```

```

      =    A 29.5;
NETWORK
      U    E 18.3;
      U    E 18.1;
      U    E 17.5;
      0;
      U    E 18.2;
      U    E 18.0;
      U    E 17.5;
      0;
      U    A 28.3;
      U    E 17.5;
      L    DBW 38;
      SA   T 20;
      NOP 0;
      NOP 0;
      NOP 0;
      U    T 20;
      =    M 46.3;
NETWORK
      U    M 46.3;
      U    E 17.5;
      =    A 28.4;

```

END_FUNCTION

FUNCTION FC 31 : VOID

```

BEGIN
NETWORK
      U    E 16.7;
      =    M 50.0;
NETWORK
      U    M 50.0;
      U    M 50.2;
      =    M 50.1;
      U    M 50.1;
      R    M 50.2;
      UN   M 50.0;
      S    M 50.2;
      NOP 0;
NETWORK
      U    M 50.1;
      UN   M 50.3;
      SPBN X000;
      CALL FC 5
        ( WIN      := DBW 2
        );
X000: NOP 0;
NETWORK
      L    DBW 2;
      L    DBW 4;
      >=I;
      =    M 50.3;
NETWORK

```



```
U    M 50.3;
L    DBW 6;
SI   T 1;
NOP  0;
NOP  0;
NOP  0;
U    T 1;
=    A 52.7;
NETWORK
UN   A 52.7;
=    M 50.5;
NETWORK
U    M 50.5;
U    M 50.7;
=    M 50.6;
U    M 50.6;
R    M 50.7;
UN   M 50.5;
S    M 50.7;
NOP  0;
NETWORK
U    M 50.6;
SPBN X001;
CALL FC 6
      ( WAZZ    := DBW 2
      );
X001: NOP 0;
NETWORK
O    A 52.0;
O    A 52.1;
=    M 52.0;
NETWORK
U    M 52.0;
UN   M 52.2;
L    DBW 8;
SI   T 2;
NOP  0;
NOP  0;
NOP  0;
U    T 2;
=    M 52.1;
NETWORK
U    M 52.0;
UN   M 52.1;
L    DBW 10;
SI   T 3;
NOP  0;
NOP  0;
NOP  0;
U    T 3;
=    M 52.2;
NETWORK
UN   M 49.7;
L    S5TIME#5s;
SE   T 37;
```

```
      NOP 0;
      NOP 0;
      NOP 0;
      U    T 37;
      =    M 49.6;
NETWORK
      U    M 49.6;
      L    S5TIME#5s;
      SE   T 38;
      NOP 0;
      NOP 0;
      NOP 0;
      U    T 38;
      =    M 49.7;
NETWORK
      U    M 52.1;
      U    M 49.6;
      =    A 53.1;
```

END_FUNCTION

FUNCTION FC 32 : VOID

```
  BEGIN
    NETWORK
      UN    M 54.2;
      UN    M 12.3;
      UN    M 12.4;
      UN    A 53.0;
      U     E 20.1;
      UN    M 14.0;
      U     E 12.3;
      =     M 54.0;
    NETWORK
      U( ;
      0    E 20.0;
      0    A 52.0;
      );
      U    M 54.0;
      U    E 20.2;
      UN   E 20.3;
      UN   A 52.1;
      UN   M 56.5;
      =    A 52.0;
    NETWORK
      U( ;
      0    E 20.0;
      0    A 52.1;
      );
      U    M 54.0;
      U    E 20.3;
      UN   E 20.2;
      U    E 13.2;
      UN   A 52.0;
      UN   M 56.4;
```

```
      = A 52.1;
NETWORK
  U( ;
  U   A 52.0;
  UN  A 52.1;
  0;
  U   A 52.1;
  UN  A 52.0;
  );
  UN  A 52.2;
  L   DBW 24;
  SE  T 6;
  NOP 0;
  NOP 0;
  NOP 0;
  U   T 6;
  =   A 52.5;
NETWORK
  U   A 52.5;
  UN  A 52.2;
  L   DBW 24;
  SE  T 7;
  NOP 0;
  NOP 0;
  NOP 0;
  U   T 7;
  =   A 52.4;
NETWORK
  U   A 52.4;
  UN  A 52.2;
  L   DBW 24;
  SE  T 8;
  NOP 0;
  NOP 0;
  NOP 0;
  U   T 8;
  =   A 52.3;
NETWORK
  U   A 52.3;
  UN  A 52.2;
  L   DBW 24;
  SE  T 9;
  NOP 0;
  NOP 0;
  NOP 0;
  U   T 9;
  =   M 54.1;
NETWORK
  U( ;
  0   M 54.1;
  0   A 52.2;
  );
  U( ;
  0   A 52.0;
  0   A 52.1;
```

```
);
U    M 54.0;
=    A 52.2;
NETWORK
U( ;
O    E 20.5;
O    A 53.0;
O    M 54.2;
);
U    E 20.4;
L    DBW 26;
SI   T 10;
NOP  0;
NOP  0;
NOP  0;
U    T 10;
=    A 53.0;
NETWORK
UN   A 52.0;
U    M 56.1;
=    M 56.0;
U    M 56.0;
R    M 56.1;
U    A 52.0;
S    M 56.1;
NOP  0;
NETWORK
UN   A 52.1;
U    M 56.3;
=    M 56.2;
U    M 56.2;
R    M 56.3;
U    A 52.1;
S    M 56.3;
NOP  0;
NETWORK
O    M 56.0;
O    M 56.4;
L    DBW 28;
SI   T 16;
NOP  0;
NOP  0;
NOP  0;
U    T 16;
=    M 56.4;
NETWORK
O    M 56.2;
O    M 56.5;
L    DBW 28;
SI   T 17;
NOP  0;
NOP  0;
NOP  0;
U    T 17;
=    M 56.5;
```

END_FUNCTION

FUNCTION FC 33 : VOID

BEGIN

NETWORK

```
U    E 13.4;
U    E 19.3;
U    M 60.1;
U    A 53.2;
U    M 5.7;
UN   M 60.0;
L    S5TIME#1s;
SA   T 60;
NOP  0;
NOP  0;
NOP  0;
U    T 60;
=    M 60.0;
```

NETWORK

```
U    E 21.4;
U    M 1.4;
S    M 60.1;
UN   E 21.4;
R    M 60.1;
NOP  0;
```

NETWORK

```
O    E 21.6;
O    E 21.7;
O    E 13.2;
ON   A 53.2;
=    M 61.0;
```

NETWORK

```
O    E 21.6;
O    E 21.7;
=    M 63.0;
```

NETWORK

```
ON   E 22.2;
O    E 22.3;
ON   E 22.4;
O    E 13.2;
O;
U    M 60.1;
UN   M 60.0;
=    M 61.3;
=    M 61.4;
```

NETWORK

```
U    E 22.3;
U    E 22.4;
U( ;
ON   M 60.1;
O    M 60.0;
);
=    M 63.3;
```

```
= M 63.4;
NETWORK
ON E 22.2;
O E 22.3;
ON E 22.5;
O E 13.2;
O;
U M 60.1;
UN M 60.0;
= M 61.5;
= M 61.6;
NETWORK
U E 22.3;
U E 22.5;
U( ;
ON M 60.1;
O M 60.0;
);
= M 63.5;
= M 63.6;
NETWORK
ON E 22.2;
O E 22.3;
ON E 22.6;
O E 13.2;
O;
U M 60.1;
UN M 60.0;
= M 61.7;
= M 62.0;
NETWORK
U E 22.3;
U E 22.6;
U( ;
ON M 60.1;
O M 60.0;
);
= M 63.7;
= M 64.0;
NETWORK
ON E 22.2;
ON A 53.2;
ON E 13.4;
= M 62.1;
NETWORK
UN A 53.2;
= M 62.2;
NETWORK
CALL FC 4;
NETWORK
ON M 60.1;
O E 13.2;
= M 62.7;
NETWORK
L MB 61;
```

```
      T    DBB 13;
NETWORK
      L    MB 62;
      T    DBB 12;
NETWORK
      L    MB 63;
      T    DBB 15;
NETWORK
      L    MB 64;
      T    DBB 16;
NETWORK
      L    4352;
      T    DBW 2;
NETWORK
      ON   M 28.0;
      //;
      SPBN X000;
      CALL FC 6
        ( WAZZ  :=  DBW 2
        );
X000: NOP 0;
```

END_FUNCTION

FUNCTION FC 34 : VOID

```
BEGIN
NETWORK
  CALL FC 1
    ( DBWF  :=  DB 10
    );
  //;
  U    M 255.0;
  R    M 255.0;
  //;
  CALL FC 2
    ( DBWF  :=  DB 10
    , DBNO  :=  DB 11
    , H_L   :=  M 255.0
    );
  //;
  R    M 127.0;
  //;
```

END_FUNCTION

FUNCTION FC 35 : VOID

```
BEGIN
NETWORK
  U    M 0.0;
  UN   M 0.0;
  R    M 0.0;
NETWORK
  O    M 0.1;
```

```
    ON  M 0.1;
    S   M 0.1;
NETWORK
    UN  M 0.3;
    L   S5TIME#1s250ms;
    SE  T 35;
    NOP 0;
    NOP 0;
    NOP 0;
    U   T 35;
    =   M 0.2;
NETWORK
    U   M 0.2;
    L   S5TIME#1s250ms;
    SE  T 36;
    NOP 0;
    NOP 0;
    NOP 0;
    U   T 36;
    =   M 0.3;
NETWORK
    UN  M 0.5;
    L   S5TIME#500ms;
    SE  T 12;
    NOP 0;
    NOP 0;
    NOP 0;
    U   T 12;
    =   M 0.4;
NETWORK
    U   M 0.4;
    L   S5TIME#500ms;
    SE  T 13;
    NOP 0;
    NOP 0;
    NOP 0;
    U   T 13;
    =   M 0.5;
NETWORK
    UN  M 0.7;
    L   S5TIME#200ms;
    SE  T 14;
    NOP 0;
    NOP 0;
    NOP 0;
    U   T 14;
    =   M 0.6;
NETWORK
    U   M 0.6;
    L   S5TIME#200ms;
    SE  T 15;
    NOP 0;
    NOP 0;
    NOP 0;
    U   T 15;
```



```

      = M 0.7;
NETWORK
      U E 21.5;
      = A 29.0;

```

END_FUNCTION

FUNCTION FC 36 : VOID

BEGIN

NETWORK

```

      U( ;
      O M 13.1;
      O;
      U E 23.7;
      U M 0.4;
      );
      U E 12.0;
      = A 52.6;

```

NETWORK

```

      U( ;
      U A 52.0;
      U M 0.6;
      O;
      U A 52.0;
      U A 52.2;
      O;
      U E 23.7;
      U M 0.4;
      O;
      U M 56.4;
      U M 0.6;
      );
      U E 12.0;
      = A 54.0;

```

NETWORK

```

      U( ;
      U A 52.1;
      U M 0.6;
      O;
      U A 52.1;
      U A 52.2;
      O;
      U E 23.7;
      U M 0.4;
      O;
      U M 56.5;
      U M 0.6;
      );
      U E 12.0;
      = A 54.1;

```

NETWORK

```

      U( ;
      O A 53.0;
      O;

```

```

      U      E 23.7;
      U      M 0.4;
    );
      U      E 12.0;
      =      A 54.2;
NETWORK
      U( ;
      ON     E 12.1;
      0;
      U      E 23.7;
      U      M 0.4;
    );
      U      E 12.0;
      =      A 54.3;
NETWORK
      U( ;
      0      E 12.1;
      0;
      U      E 23.7;
      U      M 0.4;
    );
      U      E 12.0;
      =      A 54.4;
NETWORK
      U( ;
      UN     M 10.0;
      UN     M 10.1;
      UN     M 10.2;
      UN     M 10.3;
      UN     M 10.4;
      UN     M 10.5;
      0      E 23.7;
      0      M 0.4;
    );
      U      E 12.0;
      =      A 54.5;
NETWORK
      U( ;
      0      M 41.1;
      0;
      U      E 23.7;
      U      M 0.4;
    );
      U      E 12.0;
      =      A 54.6;
NETWORK
      U( ;
      0      E 21.1;
      0;
      U      E 23.7;
      U      M 0.4;
    );
      U      E 12.0;
      =      A 55.0;
NETWORK

```

```

    U( ;
    O   E 21.2;
    O;
    U   E 23.7;
    U   M 0.4;
    );
    U   E 12.0;
    =   A 55.1;
NETWORK
    U( ;
    O   M 5.2;
    O;
    U   E 23.7;
    U   M 0.4;
    );
    U   E 12.0;
    =   A 55.2;
NETWORK
    U( ;
    O   M 42.5;
    O;
    U   E 23.7;
    U   M 0.4;
    );
    U   E 12.0;
    =   A 55.3;
NETWORK
    U( ;
    U   M 43.0;
    U   E 13.4;
    U   E 17.1;
    O;
    U   E 23.7;
    U   M 0.4;
    );
    U   E 12.0;
    =   A 55.4;
NETWORK
    U( ;
    O   E 16.0;
    O;
    U   E 23.7;
    U   M 0.4;
    );
    U   E 12.0;
    =   A 55.6;
NETWORK
    U( ;
    O   M 55.0;
    O;
    UN  A 29.1;
    U   M 0.0;
    U   M 42.7;
    O   E 23.7;
    );

```

```

    U    M 0.4;
    U    E 12.0;
    =    A 55.7;
NETWORK
    U( ;
    O    M 40.1;
    O;
    UN   M 55.0;
    U    E 13.4;
    U    E 21.0;
    U    E 20.7;
    UN   M 59.5;
    U    M 0.6;
    O;
    U    E 23.7;
    U    M 0.4;
    );
    U    E 12.0;
    =    A 60.0;
NETWORK
    U( ;
    O    M 40.7;
    O;
    U    E 23.7;
    U    M 0.4;
    );
    U    E 12.0;
    =    A 60.5;
NETWORK
    U( ;
    U    E 27.0;
    UN   E 25.5;
    O;
    U    E 23.7;
    U    M 0.4;
    );
    U    E 12.0;
    U    M 0.0;
    =    A 60.3;
NETWORK
    O    M 1.2;
    O;
    U    E 23.7;
    U    M 0.4;
    =    A 60.4;
NETWORK
    U( ;
    U( ;
    ON   E 17.5;
    ON   E 17.6;
    ON   E 18.4;
    );
    U    E 12.0;
    O    E 23.7;
    );

```

```
U    M 0.4;  
=    A 60.2;  
NETWORK  
UN   E 25.5;  
U    E 27.0;  
0;  
U    E 23.7;  
U    M 0.4;  
=    A 60.1;  
NETWORK  
U(;  
0    M 14.4;  
0    E 23.7;  
);  
U    M 0.4;  
=    A 61.7;  
NETWORK  
U(;  
0    M 12.3;  
0    E 23.7;  
);  
U    M 0.4;  
=    A 62.0;  
NETWORK  
U(;  
0    M 13.1;  
0    E 23.7;  
);  
U    M 0.4;  
=    A 62.1;  
NETWORK  
U(;  
0    M 10.6;  
0    E 23.7;  
);  
U    M 0.4;  
=    A 62.2;  
NETWORK  
U(;  
0    M 14.0;  
0    E 23.7;  
);  
U    M 0.4;  
=    A 62.3;  
NETWORK  
U(;  
0    M 10.4;  
0    E 23.7;  
);  
U    M 0.4;  
=    A 62.4;  
NETWORK  
U(;  
0    M 10.0;  
0    E 23.7;
```

```
);
U    M 0.4;
=    A 62.5;
NETWORK
U(;
O    M 10.5;
O    E 23.7;
);
U    M 0.4;
=    A 62.6;
NETWORK
U(;
O    M 14.5;
O    E 23.7;
);
U    M 0.4;
=    A 62.7;
NETWORK
U(;
O    M 15.2;
O    E 23.7;
);
U    M 0.4;
=    A 63.0;
NETWORK
U(;
O    M 17.1;
O    E 23.7;
);
U    M 0.4;
=    A 63.1;
NETWORK
U(;
O    M 14.2;
O    M 14.1;
O    E 23.7;
);
U    M 0.4;
=    A 63.2;
NETWORK
U(;
O    M 10.1;
O    E 23.7;
);
U    M 0.4;
=    A 63.3;
NETWORK
U(;
O    M 10.2;
O    E 23.7;
);
U    M 0.4;
=    A 63.4;
NETWORK
U(;
```

```

    O    M 10.3;
    O    E 23.7;
    );
    U    M 0.4;
    =    A 63.5;
NETWORK
    O    M 13.4;
    O    E 23.7;
    =    A 63.6;
NETWORK
    U    M 45.3;
    U    A 28.2;
    O;
    U    M 45.3;
    UN   A 28.2;
    U    M 0.6;
    O;
    U    E 23.7;
    U    M 0.4;
    =    A 60.3;

```

END_FUNCTION

FUNCTION FC 37 : VOID

```

BEGIN
NETWORK
    U    E 24.2;
    U    M 51.1;
    =    M 51.0;
    U    M 51.0;
    R    M 51.1;
    UN   E 24.2;
    S    M 51.1;
    NOP 0;
NETWORK
    U    M 51.0;
    SPBN X000;
    CALL FC 5
        ( WIN    := DBW 12
        );
X000: NOP 0;
NETWORK
    L    DBW 12;
    L    1;
    >=I;
    =    M 52.3;
NETWORK
    U    M 50.6;
    UN   M 52.3;
    U    E 12.0;
    S    M 10.0;
NETWORK
    U    M 50.6;
    SPBN X001;

```

```
CALL FC 6
  ( WAZZ  := DBW 12
  );
X001: NOP 0;
NETWORK
  U  E 24.4;
  U  M 51.3;
  =  M 51.2;
  U  M 51.2;
  R  M 51.3;
  UN E 24.4;
  S  M 51.3;
  NOP 0;
NETWORK
  U  M 51.2;
  SPBN X002;
  CALL FC 5
    ( WIN  := DBW 14
    );
X002: NOP 0;
NETWORK
  L  DBW 14;
  L  1;
  >=I;
  =  M 52.4;
NETWORK
  U  M 50.6;
  UN M 52.4;
  U  E 12.0;
  S  M 10.1;
NETWORK
  U  M 50.6;
  SPBN X003;
  CALL FC 6
    ( WAZZ  := DBW 14
    );
X003: NOP 0;
NETWORK
  U  E 24.5;
  U  M 51.5;
  =  M 51.4;
  U  M 51.4;
  R  M 51.5;
  UN E 24.5;
  S  M 51.5;
  NOP 0;
NETWORK
  U  M 51.4;
  SPBN X004;
  CALL FC 5
    ( WIN  := DBW 16
    );
X004: NOP 0;
NETWORK
  L  DBW 16;
```



```

    L    1;
    >=I;
    =    M 52.5;
NETWORK
    U    M 50.6;
    UN   M 52.5;
    U    E 12.0;
    S    M 10.2;
NETWORK
    U    M 50.6;
    SPBN X005;
    CALL FC 6
        ( WAZZ    := DBW 16
        );
X005: NOP 0;
NETWORK
    U    E 24.6;
    U    M 51.7;
    =    M 51.6;
    U    M 51.6;
    R    M 51.7;
    UN   E 24.6;
    S    M 51.7;
    NOP 0;
NETWORK
    U    M 51.6;
    SPBN X006;
    CALL FC 5
        ( WIN     := DBW 18
        );
X006: NOP 0;
NETWORK
    L    DBW 18;
    L    1;
    >=I;
    =    M 52.6;
NETWORK
    U    M 50.6;
    UN   M 52.6;
    U    E 12.0;
    S    M 10.3;
NETWORK
    U    M 50.6;
    SPBN X007;
    CALL FC 6
        ( WAZZ    := DBW 18
        );
X007: NOP 0;
NETWORK
    UN   M 52.1;
    U    M 56.7;
    =    M 56.6;
    U    M 56.6;
    R    M 56.7;
    U    M 52.1;

```

```

      S    M 56.7;
      NOP 0;
NETWORK
      U    E 24.1;
      U    M 53.1;
      =    M 53.0;
      U    M 53.0;
      R    M 53.1;
      UN   E 24.1;
      S    M 53.1;
      NOP 0;
NETWORK
      UN   E 24.1;
      U    M 53.3;
      =    M 53.2;
      U    M 53.2;
      R    M 53.3;
      U    E 24.1;
      S    M 53.3;
      NOP 0;
NETWORK
      U    M 52.1;
      U    M 52.0;
      U( ;
      O    M 53.0;
      O    M 53.2;
      );
      S    M 57.0;
NETWORK
      U( ;
      U    M 52.0;
      L    DBW 20;
      SE   T 4;
      NOP 0;
      NOP 0;
      NOP 0;
      U    T 4;
      );
      UN   M 57.0;
      U    M 56.6;
      U    E 12.0;
      S    M 10.4;
NETWORK
      U    E 24.3;
      U    M 53.5;
      =    M 53.4;
      U    M 53.4;
      R    M 53.5;
      UN   E 24.3;
      S    M 53.5;
      NOP 0;
NETWORK
      UN   E 24.3;
      U    M 53.7;
      =    M 53.6;

```

```

      U    M 53.6;
      R    M 53.7;
      U    E 24.3;
      S    M 53.7;
      NOP 0;
NETWORK
      U    M 52.1;
      U    M 52.0;
      U( ;
      O    M 53.4;
      O    M 53.6;
      );
      S    M 57.1;
NETWORK
      U( ;
      U    M 52.0;
      L    DBW 22;
      SE   T 5;
      NOP 0;
      NOP 0;
      NOP 0;
      U    T 5;
      );
      UN   M 57.1;
      U    M 56.6;
      U    E 12.0;
      S    M 10.5;
NETWORK
      U    M 56.6;
      R    M 57.0;
      R    M 57.1;
NETWORK
      UN   E 24.0;
      U    E 12.0;
      S    M 10.6;
NETWORK
      UN   A 29.1;
      U    E 16.5;
      S    M 10.7;
NETWORK
      U    E 14.5;
      U    E 12.0;
      S    M 11.0;
NETWORK
      U    E 14.6;
      U    E 12.0;
      S    M 11.1;
NETWORK
      U    E 14.7;
      U    E 12.0;
      S    M 11.2;
NETWORK
      U    E 15.0;
      U    E 12.0;
      S    M 11.3;

```

```
NETWORK
  U   E 15.1;
  U   E 12.0;
  S   M 11.4;
NETWORK
  U   E 15.2;
  U   E 12.0;
  S   M 11.5;
NETWORK
  U   E 15.3;
  U   E 12.0;
  S   M 11.6;
NETWORK
  U   E 15.4;
  U   E 12.0;
  S   M 11.7;
NETWORK
  U   E 15.5;
  U   E 12.0;
  S   M 12.0;
NETWORK
  U   E 15.6;
  U   E 12.0;
  S   M 12.1;
NETWORK
  U   E 15.7;
  U   E 12.0;
  S   M 12.2;
NETWORK
  O   M 11.0;
  O   M 11.1;
  O   M 11.2;
  O   M 11.3;
  O   M 11.4;
  O   M 11.5;
  O   M 11.6;
  O   M 11.7;
  O   M 12.0;
  O   M 12.1;
  O   M 12.2;
  =   M 54.2;
NETWORK
  UN  E 14.1;
  U   E 12.0;
  S   M 12.3;
NETWORK
  U   E 13.1;
  U   A 52.2;
  U   E 12.0;
  S   M 12.4;
NETWORK
  UN  E 12.2;
  U   E 12.0;
  U   M 0.0;
  S   M 12.5;
```

```

NETWORK
  UN  E 12.3;
  U   E 12.0;
  S   M 12.6;
NETWORK
  UN  E 12.6;
  U   E 12.0;
  U   M 0.0;
  S   M 12.7;
NETWORK
  UN  E 13.0;
  U   E 12.0;
  U   M 0.0;
  S   M 13.0;
NETWORK
  U( ;
  ON  E 13.5;
  O   E 13.6;
  );
  U   E 12.0;
  S   M 13.1;
NETWORK
  UN  E 12.7;
  U   E 12.0;
  S   M 13.2;
NETWORK
  UN  E 14.0;
  U   E 12.0;
  S   M 13.3;
NETWORK
  UN  E 19.0;
  U   E 12.0;
  S   M 13.4;
NETWORK
  UN  E 14.3;
  U   E 12.0;
  S   M 13.5;
NETWORK
  UN  E 19.1;
  U   E 12.0;
  S   M 13.6;
NETWORK
  UN  E 16.3;
  U   E 12.0;
  S   M 13.7;
NETWORK
  UN  E 12.1;
  U   E 12.0;
  S   M 14.0;
NETWORK
  U   E 26.2;
  UN  E 16.7;
  U   E 12.0;
  L   S5TIME#1s;
  SE  T 25;

```

```

    NOP 0;
    NOP 0;
    NOP 0;
    U    T 25;
    =    M 47.6;
NETWORK
    UN   E 26.2;
    U    E 16.7;
    U    E 12.0;
    L    S5TIME#1s;
    SE   T 29;
    NOP 0;
    NOP 0;
    NOP 0;
    U    T 29;
    =    M 47.7;
NETWORK
    O    M 47.6;
    O    M 47.7;
    S    M 14.1;
NETWORK
    UN   E 26.4;
    U    E 12.0;
    S    M 14.2;
NETWORK
    UN   E 26.6;
    U    E 12.0;
    S    M 14.3;
NETWORK
    UN   E 26.7;
    U    E 12.0;
    S    M 14.4;
NETWORK
    U    M 40.4;
    U    E 12.0;
    S    M 14.5;
NETWORK
    AUF  DB 10;
    L    DBB 27;
    T    MB 44;
NETWORK
    U( ;
    O    M 44.1;
    O    M 44.2;
    O    M 44.3;
    O    M 44.4;
    );
    U    E 12.0;
    U    M 0.0;
    S    M 14.6;
NETWORK
    AUF  DB 120;
    L    DBW 22;
    AUF  DB 100;
    T    DBW 50;
```

```
NETWORK
  U   E 27.4;
  U   M 45.7;
  =   M 45.6;
  U   M 45.6;
  R   M 45.7;
  UN  E 27.4;
  S   M 45.7;
  NOP 0;
NETWORK
  U   M 45.6;
  UN  E 13.2;
  U   A 53.2;
  SPBN X008;
  CALL FC 7
    ( WIN    := DBW 50
      , WOUT   := DBW 46
    );
X008: NOP 0;
NETWORK
  UN  E 27.4;
  U   M 48.2;
  =   M 48.1;
  U   M 48.1;
  R   M 48.2;
  U   E 27.4;
  S   M 48.2;
  NOP 0;
NETWORK
  U   M 48.1;
  UN  E 13.2;
  U   A 53.2;
  SPBN X009;
  CALL FC 7
    ( WIN    := DBW 50
      , WOUT   := DBW 48
    );
X009: NOP 0;
NETWORK
  U   E 21.5;
  SPBN X010;
  CALL FC 8;
X010: NOP 0;
NETWORK
  L   DBW 46;
  L   290;
  >I;
  =   M 48.4;
NETWORK
  L   DBW 46;
  L   220;
  <I;
  =   M 48.5;
NETWORK
  L   DBW 48;
```

```

      L    100;
      >I;
      =    M 48.6;
NETWORK
      L    DBW 48;
      L    10;
      <I;
      =    M 48.7;
NETWORK
      U(;
      O    M 48.4;
      O    M 48.5;
      O    M 48.6;
      O    M 48.7;
      );
      U    E 12.0;
      UN   E 13.2;
      S    M 14.7;
NETWORK
      AUF DB 10;
NETWORK
      UN   E 19.6;
      U    E 12.0;
      S    M 15.0;
NETWORK
      U    E 14.4;
      U    E 12.0;
      S    M 15.1;
NETWORK
      UN   E 24.7;
      U    E 12.0;
      S    M 15.2;
NETWORK
      UN   E 21.3;
      U    E 12.0;
      S    M 15.3;
NETWORK
      U    E 25.0;
      U    M 45.5;
      =    M 45.4;
      U    M 45.4;
      R    M 45.5;
      UN   E 25.0;
      S    M 45.5;
      NOP 0;
NETWORK
      UN   M 1.6;
      U    M 45.4;
      U(;
      O    E 13.3;
      O;
      U    E 13.2;
      U(;
      O    A 52.0;
      O    A 52.1;

```



```

);
);
S    M 15.4;
NETWORK
UN    E 27.4;
U(;
O    A 53.2;
O    E 16.6;
);
UN    E 25.6;
U    E 25.5;
U    E 12.0;
L    S5TIME#200ms;
SE    T 33;
NOP 0;
NOP 0;
NOP 0;
U    T 33;
S    M 15.5;
NETWORK
UN    E 19.2;
U    E 12.0;
S    M 15.7;
NETWORK
UN    E 26.5;
U    E 16.6;
U    E 12.0;
L    S5TIME#300ms;
SE    T 26;
NOP 0;
NOP 0;
NOP 0;
U    T 26;
=    M 47.4;
NETWORK
U    E 26.5;
UN    E 16.6;
U    E 12.0;
L    S5TIME#500ms;
SE    T 28;
NOP 0;
NOP 0;
NOP 0;
U    T 28;
=    M 47.5;
NETWORK
U(;
O    M 47.4;
O    M 47.5;
);
U    M 0.0;
S    M 16.7;
NETWORK
U    M 5.2;
U    M 46.7;

```

```
=      M 46.6;
U      M 46.6;
R      M 46.7;
UN     M 5.2;
S      M 46.7;
NOP 0;
NETWORK
U      M 46.6;
U      E 13.4;
S      M 47.0;
NETWORK
U      E 25.5;
U      M 47.2;
=      M 47.1;
U      M 47.1;
R      M 47.2;
UN     E 25.5;
S      M 47.2;
NOP 0;
NETWORK
O      M 47.1;
O      E 25.5;
O      E 21.5;
ON     E 12.0;
O      E 16.5;
R      M 47.0;
NETWORK
U( ;
U      M 48.0;
L      S5TIME#1s;
SE     T 24;
NOP 0;
NOP 0;
NOP 0;
U      T 24;
);
U      M 0.0;
S      M 17.0;
R      M 48.0;
NETWORK
U      E 13.4;
UN     M 5.2;
UN     E 16.5;
U      M 47.0;
S      M 48.0;
NETWORK
U      E 16.6;
U( ;
ON     E 25.0;
ON     E 25.1;
);
L      S5TIME#500ms;
SE     T 30;
NOP 0;
NOP 0;
```

```

    NOP 0;
    U    T 30;
    S    M 17.1;
NETWORK
    U    E 25.2;
    U    E 16.7;
    U    M 0.0;
    L    S5TIME#500ms;
    SE   T 31;
    NOP 0;
    NOP 0;
    NOP 0;
    U    T 31;
    S    M 17.2;
NETWORK
    UN   M 17.1;
    U    E 25.0;
    U    E 25.1;
    U    E 25.2;
    U    M 0.0;
    L    S5TIME#700ms;
    SE   T 32;
    NOP 0;
    NOP 0;
    NOP 0;
    U    T 32;
    S    M 17.3;
NETWORK
    U( ;
    L    MW 10;
    L    0;
    <>I;
    );
    U    E 0.0;
    =    M 55.1;
NETWORK
    L    MW 12;
    L    0;
    <>I;
    =    M 55.2;
NETWORK
    L    MW 14;
    L    0;
    <>I;
    =    M 55.3;
NETWORK
    L    MW 16;
    L    0;
    <>I;
    =    M 55.4;
NETWORK
    O    M 55.1;
    O    M 55.2;
    O    M 55.3;
    O    M 55.4;
```

= M 55.0;

END_FUNCTION

FUNCTION FC 38 : VOID

BEGIN

NETWORK

CALL FC 15

(KOFF := 0
, KMUL := 16384
, KDIV := 100
, KBAS := 0
, DBRD := DB 127
, WRRD := DBW 442
, WRWR := PAW 168
);

NETWORK

CALL FC 15

(KOFF := 0
, KMUL := 16384
, KDIV := 100
, KBAS := 1
, DBRD := DB 127
, WRRD := DBW 444
, WRWR := PAW 166
);

NETWORK

CALL FC 15

(KOFF := 0
, KMUL := 16384
, KDIV := 100
, KBAS := 2
, DBRD := DB 127
, WRRD := DBW 446
, WRWR := PAW 164
);

NETWORK

CALL FC 15

(KOFF := 0
, KMUL := 16384
, KDIV := 100
, KBAS := 2
, DBRD := DB 127
, WRRD := DBW 448
, WRWR := PAW 162
);

NETWORK

CALL FC 15

(KOFF := 0
, KMUL := 16384
, KDIV := 100
, KBAS := 1
, DBRD := DB 127
, WRRD := DBW 450
);

```
, WRWR := PAW 160  
);
```

```
END_FUNCTION
```

```
DATA_BLOCK DB 1
```

```
STRUCT
```

```
D_0 : word := W#16#4442;  
D_1 : word := W#16#3120;  
D_2 : word := W#16#5446;  
D_3 : word := W#16#423A;  
D_4 : word := W#16#204F;  
D_5 : word := W#16#4231;  
D_6 : word := W#16#3320;  
D_7 : word := W#16#3130;  
D_8 : word := W#16#3020;  
D_9 : word := W#16#3B20;  
D_10 : word := W#16#5344;  
D_11 : word := W#16#503A;  
D_12 : word := W#16#2057;  
D_13 : word := W#16#4420;  
D_14 : word := W#16#3530;  
D_15 : word := W#16#3020;  
D_16 : word := W#16#3B20;  
D_17 : word := W#16#454E;  
D_18 : word := W#16#4420;
```

```
END_STRUCT
```

```
BEGIN
```

```
END_DATA_BLOCK
```

```
DATA_BLOCK DB 10
```

```
STRUCT
```

```
D_0 : word := W#16#80;  
D_1 : word := W#16#0;  
D_2 : word := W#16#1289;  
D_3 : word := W#16#0;  
D_4 : word := W#16#0;  
D_5 : word := W#16#0;  
D_6 : word := W#16#87F9;  
D_7 : word := W#16#0;  
D_8 : word := W#16#0;  
D_9 : word := W#16#0;  
D_10 : word := W#16#A;  
D_11 : word := W#16#0;  
D_12 : word := W#16#A;  
D_13 : word := W#16#21;  
D_14 : word := W#16#0;  
D_15 : word := W#16#0;  
D_16 : word := W#16#80;
```

```
D_17 : word := W#16#81;
D_18 : word := W#16#82;
D_19 : word := W#16#83;
D_20 : word := W#16#84;
D_21 : word := W#16#85;
D_22 : word := W#16#86;
D_23 : word := W#16#87;
D_24 : word := W#16#0;
D_25 : word := W#16#0;
D_26 : word := W#16#0;
END_STRUCT
BEGIN

END_DATA_BLOCK

DATA_BLOCK DB 11

STRUCT
  D_0 : word := W#16#C;
  D_1 : word := W#16#63C;
  D_2 : word := W#16#1728;
  D_3 : word := W#16#0;
  D_4 : word := W#16#0;
  D_5 : word := W#16#1C;
  D_6 : word := W#16#5CA;
  D_7 : word := W#16#1644;
  D_8 : word := W#16#0;
  D_9 : word := W#16#0;
  D_10 : word := W#16#2C;
  D_11 : word := W#16#5CA;
  D_12 : word := W#16#179A;
  D_13 : word := W#16#0;
  D_14 : word := W#16#0;
  D_15 : word := W#16#3C;
  D_16 : word := W#16#474;
  D_17 : word := W#16#1AB8;
  D_18 : word := W#16#0;
  D_19 : word := W#16#0;
  D_20 : word := W#16#4C;
  D_21 : word := W#16#E40;
  D_22 : word := W#16#1962;
  D_23 : word := W#16#0;
  D_24 : word := W#16#0;
  D_25 : word := W#16#5C;
  D_26 : word := W#16#720;
  D_27 : word := W#16#10EC;
  D_28 : word := W#16#0;
  D_29 : word := W#16#0;
  D_30 : word := W#16#6C;
  D_31 : word := W#16#558;
  D_32 : word := W#16#1644;
  D_33 : word := W#16#0;
  D_34 : word := W#16#0;
  D_35 : word := W#16#7C;
```

D_36 : word := W#16#F24;
D_37 : word := W#16#1962;
D_38 : word := W#16#0;
D_39 : word := W#16#0;
D_40 : word := W#16#8C;
D_41 : word := W#16#720;
D_42 : word := W#16#10EC;
D_43 : word := W#16#0;
D_44 : word := W#16#0;
D_45 : word := W#16#9C;
D_46 : word := W#16#4E6;
D_47 : word := W#16#1962;
D_48 : word := W#16#0;
D_49 : word := W#16#0;
D_50 : word := W#16#AC;
D_51 : word := W#16#1644;
D_52 : word := W#16#804;
D_53 : word := W#16#0;
D_54 : word := W#16#0;
D_55 : word := W#16#BC;
D_56 : word := W#16#0;
D_57 : word := W#16#0;
D_58 : word := W#16#0;
D_59 : word := W#16#0;
D_60 : word := W#16#CC;
D_61 : word := W#16#B22;
D_62 : word := W#16#0;
D_63 : word := W#16#0;
D_64 : word := W#16#0;
D_65 : word := W#16#DC;
D_66 : word := W#16#72;
D_67 : word := W#16#AB0;
D_68 : word := W#16#0;
D_69 : word := W#16#0;
D_70 : word := W#16#EC;
D_71 : word := W#16#72;
D_72 : word := W#16#72;
D_73 : word := W#16#0;
D_74 : word := W#16#0;
D_75 : word := W#16#FE;
D_76 : word := W#16#9CC;
D_77 : word := W#16#AB0;
D_78 : word := W#16#0;
D_79 : word := W#16#7530;
D_80 : word := W#16#0;
D_81 : word := W#16#0;
D_82 : word := W#16#0;
D_83 : word := W#16#0;
D_84 : word := W#16#0;
D_85 : word := W#16#0;
D_86 : word := W#16#0;
D_87 : word := W#16#0;
D_88 : word := W#16#0;
D_89 : word := W#16#0;
D_90 : word := W#16#0;

```
D_91 : word := W#16#0;
D_92 : word := W#16#0;
D_93 : word := W#16#0;
D_94 : word := W#16#0;
D_95 : word := W#16#0;
D_96 : word := W#16#0;
D_97 : word := W#16#0;
D_98 : word := W#16#0;
D_99 : word := W#16#0;
D_100 : word := W#16#0;
D_101 : word := W#16#0;
D_102 : word := W#16#0;
D_103 : word := W#16#0;
D_104 : word := W#16#0;
D_105 : word := W#16#0;
D_106 : word := W#16#0;
D_107 : word := W#16#0;
D_108 : word := W#16#0;
D_109 : word := W#16#0;
D_110 : word := W#16#0;
D_111 : word := W#16#0;
D_112 : word := W#16#0;
D_113 : word := W#16#0;
D_114 : word := W#16#0;
D_115 : word := W#16#0;
D_116 : word := W#16#0;
D_117 : word := W#16#0;
D_118 : word := W#16#0;
D_119 : word := W#16#0;
D_120 : word := W#16#0;
D_121 : word := W#16#0;
D_122 : word := W#16#0;
D_123 : word := W#16#0;
D_124 : word := W#16#0;
D_125 : word := W#16#0;
D_126 : word := W#16#0;
D_127 : word := W#16#0;
D_128 : word := W#16#0;
D_129 : word := W#16#0;
D_130 : word := W#16#0;
D_131 : word := W#16#0;
D_132 : word := W#16#0;
D_133 : word := W#16#0;
D_134 : word := W#16#0;
D_135 : word := W#16#0;
D_136 : word := W#16#0;
D_137 : word := W#16#0;
D_138 : word := W#16#0;
D_139 : word := W#16#0;
D_140 : word := W#16#0;
D_141 : word := W#16#0;
D_142 : word := W#16#0;
D_143 : word := W#16#0;
D_144 : word := W#16#0;
D_145 : word := W#16#0;
```



```
D_146 : word := W#16#0;
D_147 : word := W#16#0;
D_148 : word := W#16#0;
D_149 : word := W#16#0;
D_150 : word := W#16#0;
D_151 : word := W#16#0;
D_152 : word := W#16#0;
D_153 : word := W#16#0;
D_154 : word := W#16#0;
D_155 : word := W#16#0;
D_156 : word := W#16#0;
D_157 : word := W#16#0;
D_158 : word := W#16#0;
D_159 : word := W#16#0;
END_STRUCT
BEGIN

END_DATA_BLOCK

DATA_BLOCK DB 20

STRUCT
  D_0 : word := W#16#0;
  D_1 : word := W#16#64;
  D_2 : word := W#16#0;
  D_3 : word := W#16#0;
  D_4 : word := W#16#0;
  D_5 : word := W#16#0;
  D_6 : word := W#16#0;
  D_7 : word := W#16#0;
  D_8 : word := W#16#0;
  D_9 : word := W#16#0;
  D_10 : word := W#16#0;
  D_11 : word := W#16#0;
  D_12 : word := W#16#0;
  D_13 : word := W#16#0;
  D_14 : word := W#16#1060;
  D_15 : word := W#16#5;
  D_16 : word := W#16#0;
  D_17 : word := W#16#0;
  D_18 : word := W#16#0;
  D_19 : word := W#16#0;
  D_20 : word := W#16#0;
  D_21 : word := W#16#0;
  D_22 : word := W#16#0;
  D_23 : word := W#16#0;
  D_24 : word := W#16#0;
  D_25 : word := W#16#0;
  D_26 : word := W#16#0;
  D_27 : word := W#16#0;
  D_28 : word := W#16#0;
  D_29 : word := W#16#5;
  D_30 : word := W#16#0;
  D_31 : word := W#16#0;
```

```
D_32 : word := W#16#0;
D_33 : word := W#16#0;
D_34 : word := W#16#0;
D_35 : word := W#16#0;
D_36 : word := W#16#0;
D_37 : word := W#16#0;
D_38 : word := W#16#0;
D_39 : word := W#16#0;
D_40 : word := W#16#0;
D_41 : word := W#16#0;
D_42 : word := W#16#0;
D_43 : word := W#16#300;
D_44 : word := W#16#0;
D_45 : word := W#16#0;
D_46 : word := W#16#0;
D_47 : word := W#16#0;
D_48 : word := W#16#0;
D_49 : word := W#16#0;
D_50 : word := W#16#0;
D_51 : word := W#16#0;
D_52 : word := W#16#0;
D_53 : word := W#16#D4;
D_54 : word := W#16#48;
D_55 : word := W#16#0;
D_56 : word := W#16#0;
D_57 : word := W#16#0;
D_58 : word := W#16#0;
D_59 : word := W#16#0;
D_60 : word := W#16#0;
D_61 : word := W#16#0;
D_62 : word := W#16#0;
D_63 : word := W#16#0;
D_64 : word := W#16#0;
D_65 : word := W#16#0;
D_66 : word := W#16#0;
D_67 : word := W#16#0;
D_68 : word := W#16#0;
D_69 : word := W#16#0;
D_70 : word := W#16#0;
D_71 : word := W#16#0;
D_72 : word := W#16#0;
D_73 : word := W#16#0;
D_74 : word := W#16#0;
D_75 : word := W#16#0;
D_76 : word := W#16#0;
D_77 : word := W#16#0;
D_78 : word := W#16#0;
D_79 : word := W#16#0;
D_80 : word := W#16#0;
D_81 : word := W#16#0;
D_82 : word := W#16#0;
D_83 : word := W#16#0;
D_84 : word := W#16#0;
D_85 : word := W#16#0;
D_86 : word := W#16#0;
```

```
D_87 : word := W#16#0;
D_88 : word := W#16#0;
D_89 : word := W#16#0;
D_90 : word := W#16#0;
D_91 : word := W#16#0;
D_92 : word := W#16#0;
D_93 : word := W#16#0;
D_94 : word := W#16#0;
D_95 : word := W#16#0;
D_96 : word := W#16#0;
D_97 : word := W#16#0;
D_98 : word := W#16#0;
D_99 : word := W#16#0;
D_100 : word := W#16#0;
END_STRUCT
BEGIN

END_DATA_BLOCK

DATA_BLOCK DB 51

STRUCT
  D_0 : word := W#16#0;
  D_1 : word := W#16#0;
  D_2 : word := W#16#0;
  D_3 : word := W#16#0;
  D_4 : word := W#16#300;
  D_5 : word := W#16#0;
  D_6 : word := W#16#1;
  D_7 : word := W#16#0;
  D_8 : word := W#16#0;
  D_9 : word := W#16#200;
  D_10 : word := W#16#0;
  D_11 : word := W#16#0;
  D_12 : word := W#16#0;
  D_13 : word := W#16#0;
  D_14 : word := W#16#0;
  D_15 : word := W#16#0;
  D_16 : word := W#16#0;
  D_17 : word := W#16#0;
  D_18 : word := W#16#0;
  D_19 : word := W#16#0;
  D_20 : word := W#16#0;
  D_21 : word := W#16#0;
  D_22 : word := W#16#0;
  D_23 : word := W#16#0;
  D_24 : word := W#16#0;
  D_25 : word := W#16#0;
  D_26 : word := W#16#0;
  D_27 : word := W#16#0;
  D_28 : word := W#16#0;
  D_29 : word := W#16#0;
  D_30 : word := W#16#FE33;
  D_31 : word := W#16#110;
```

D_32 : word := W#16#0;
D_33 : word := W#16#0;
D_34 : word := W#16#0;
D_35 : word := W#16#0;
D_36 : word := W#16#0;
D_37 : word := W#16#0;
D_38 : word := W#16#0;
D_39 : word := W#16#0;
D_40 : word := W#16#0;
D_41 : word := W#16#0;
D_42 : word := W#16#0;
D_43 : word := W#16#0;
D_44 : word := W#16#0;
D_45 : word := W#16#0;
D_46 : word := W#16#0;
D_47 : word := W#16#0;
D_48 : word := W#16#0;
D_49 : word := W#16#0;
D_50 : word := W#16#0;
D_51 : word := W#16#0;
D_52 : word := W#16#0;
D_53 : word := W#16#0;
D_54 : word := W#16#0;
D_55 : word := W#16#0;
D_56 : word := W#16#0;
D_57 : word := W#16#0;
D_58 : word := W#16#0;
D_59 : word := W#16#0;
D_60 : word := W#16#0;
D_61 : word := W#16#0;
D_62 : word := W#16#0;
D_63 : word := W#16#0;
D_64 : word := W#16#0;
D_65 : word := W#16#0;
D_66 : word := W#16#0;
D_67 : word := W#16#0;
D_68 : word := W#16#0;
D_69 : word := W#16#0;
D_70 : word := W#16#0;
D_71 : word := W#16#0;
D_72 : word := W#16#1;
D_73 : word := W#16#0;
D_74 : word := W#16#0;
D_75 : word := W#16#0;
D_76 : word := W#16#0;
D_77 : word := W#16#0;
D_78 : word := W#16#0;
D_79 : word := W#16#0;
D_80 : word := W#16#0;
D_81 : word := W#16#0;
D_82 : word := W#16#0;
D_83 : word := W#16#0;
D_84 : word := W#16#0;
D_85 : word := W#16#0;
D_86 : word := W#16#0;

```
D_87 : word := W#16#0;
D_88 : word := W#16#0;
D_89 : word := W#16#0;
D_90 : word := W#16#0;
D_91 : word := W#16#0;
D_92 : word := W#16#0;
D_93 : word := W#16#0;
D_94 : word := W#16#0;
D_95 : word := W#16#0;
D_96 : word := W#16#0;
D_97 : word := W#16#0;
D_98 : word := W#16#C8;
D_99 : word := W#16#200;
D_100 : word := W#16#300;
D_101 : word := W#16#200;
D_102 : word := W#16#C8;
D_103 : word := W#16#20;
D_104 : word := W#16#0;
D_105 : word := W#16#2000;
D_106 : word := W#16#0;
D_107 : word := W#16#0;
D_108 : word := W#16#0;
D_109 : word := W#16#0;
D_110 : word := W#16#0;
D_111 : word := W#16#0;
D_112 : word := W#16#0;
D_113 : word := W#16#0;
D_114 : word := W#16#0;
D_115 : word := W#16#0;
D_116 : word := W#16#0;
D_117 : word := W#16#0;
D_118 : word := W#16#0;
D_119 : word := W#16#0;
D_120 : word := W#16#0;
D_121 : word := W#16#0;
D_122 : word := W#16#0;
D_123 : word := W#16#0;
D_124 : word := W#16#0;
D_125 : word := W#16#0;
D_126 : word := W#16#0;
D_127 : word := W#16#0;
D_128 : word := W#16#0;
D_129 : word := W#16#0;
D_130 : word := W#16#0;
D_131 : word := W#16#0;
D_132 : word := W#16#0;
D_133 : word := W#16#0;
D_134 : word := W#16#0;
D_135 : word := W#16#0;
D_136 : word := W#16#0;
D_137 : word := W#16#0;
D_138 : word := W#16#0;
D_139 : word := W#16#0;
D_140 : word := W#16#0;
D_141 : word := W#16#0;
```

```
D_142 : word := W#16#0;  
D_143 : word := W#16#0;  
D_144 : word := W#16#0;  
D_145 : word := W#16#0;  
D_146 : word := W#16#0;  
D_147 : word := W#16#0;  
D_148 : word := W#16#0;  
D_149 : word := W#16#0;  
D_150 : word := W#16#0;  
D_151 : word := W#16#0;  
D_152 : word := W#16#0;  
D_153 : word := W#16#0;  
D_154 : word := W#16#0;  
D_155 : word := W#16#0;  
D_156 : word := W#16#0;  
D_157 : word := W#16#0;  
D_158 : word := W#16#0;  
D_159 : word := W#16#0;  
D_160 : word := W#16#0;  
D_161 : word := W#16#0;  
D_162 : word := W#16#0;  
D_163 : word := W#16#0;  
D_164 : word := W#16#0;  
D_165 : word := W#16#0;  
D_166 : word := W#16#0;  
D_167 : word := W#16#0;  
D_168 : word := W#16#0;  
D_169 : word := W#16#0;  
D_170 : word := W#16#0;  
D_171 : word := W#16#0;  
D_172 : word := W#16#0;  
D_173 : word := W#16#0;  
D_174 : word := W#16#0;  
D_175 : word := W#16#0;  
D_176 : word := W#16#0;  
D_177 : word := W#16#0;  
D_178 : word := W#16#0;  
D_179 : word := W#16#0;  
D_180 : word := W#16#0;  
D_181 : word := W#16#0;  
D_182 : word := W#16#0;  
D_183 : word := W#16#0;  
D_184 : word := W#16#0;
```

```
END_STRUCT
```

```
BEGIN
```

```
END_DATA_BLOCK
```

```
DATA_BLOCK DB 52
```

```
STRUCT
```

```
D_0 : word := W#16#0;  
D_1 : word := W#16#0;  
D_2 : word := W#16#0;
```

```
D_3 : word := W#16#0;
D_4 : word := W#16#0;
D_5 : word := W#16#0;
D_6 : word := W#16#0;
D_7 : word := W#16#0;
D_8 : word := W#16#0;
D_9 : word := W#16#0;
D_10 : word := W#16#101;
D_11 : word := W#16#100;
D_12 : word := W#16#0;
D_13 : word := W#16#0;
D_14 : word := W#16#0;
D_15 : word := W#16#0;
D_16 : word := W#16#0;
D_17 : word := W#16#0;
D_18 : word := W#16#0;
D_19 : word := W#16#0;
D_20 : word := W#16#0;
D_21 : word := W#16#0;
D_22 : word := W#16#0;
D_23 : word := W#16#0;
D_24 : word := W#16#0;
D_25 : word := W#16#0;
D_26 : word := W#16#0;
D_27 : word := W#16#0;
D_28 : word := W#16#0;
D_29 : word := W#16#0;
D_30 : word := W#16#0;
D_31 : word := W#16#0;
D_32 : word := W#16#0;
D_33 : word := W#16#0;
D_34 : word := W#16#0;
```

```
END_STRUCT
```

```
BEGIN
```

```
END_DATA_BLOCK
```

```
DATA_BLOCK DB 53
```

```
STRUCT
```

```
D_0 : word := W#16#0;
D_1 : word := W#16#0;
D_2 : word := W#16#0;
D_3 : word := W#16#0;
D_4 : word := W#16#0;
D_5 : word := W#16#0;
D_6 : word := W#16#0;
D_7 : word := W#16#0;
D_8 : word := W#16#0;
D_9 : word := W#16#0;
D_10 : word := W#16#0;
D_11 : word := W#16#0;
D_12 : word := W#16#0;
D_13 : word := W#16#0;
```

```
D_14 : word := W#16#0;  
D_15 : word := W#16#0;  
D_16 : word := W#16#0;  
D_17 : word := W#16#0;  
D_18 : word := W#16#0;  
D_19 : word := W#16#0;  
D_20 : word := W#16#0;  
D_21 : word := W#16#0;  
D_22 : word := W#16#0;  
D_23 : word := W#16#0;  
D_24 : word := W#16#0;  
D_25 : word := W#16#0;  
D_26 : word := W#16#0;  
D_27 : word := W#16#0;  
D_28 : word := W#16#0;  
D_29 : word := W#16#0;  
D_30 : word := W#16#0;  
D_31 : word := W#16#0;  
D_32 : word := W#16#0;  
D_33 : word := W#16#0;  
D_34 : word := W#16#0;  
D_35 : word := W#16#0;  
D_36 : word := W#16#0;  
D_37 : word := W#16#0;  
D_38 : word := W#16#0;  
D_39 : word := W#16#0;  
D_40 : word := W#16#0;  
D_41 : word := W#16#0;  
D_42 : word := W#16#0;  
D_43 : word := W#16#0;  
D_44 : word := W#16#0;  
D_45 : word := W#16#0;  
D_46 : word := W#16#0;  
D_47 : word := W#16#0;  
D_48 : word := W#16#0;  
D_49 : word := W#16#0;  
D_50 : word := W#16#0;  
D_51 : word := W#16#0;  
D_52 : word := W#16#0;  
D_53 : word := W#16#0;  
D_54 : word := W#16#0;  
D_55 : word := W#16#0;  
D_56 : word := W#16#0;  
D_57 : word := W#16#0;  
D_58 : word := W#16#0;  
D_59 : word := W#16#0;  
D_60 : word := W#16#0;  
D_61 : word := W#16#0;  
D_62 : word := W#16#0;  
D_63 : word := W#16#0;
```

```
END_STRUCT
```

```
BEGIN
```

```
END_DATA_BLOCK
```

DATA_BLOCK DB 54

STRUCT

```
D_0 : word := W#16#40;  
D_1 : word := W#16#0;  
D_2 : word := W#16#0;  
D_3 : word := W#16#0;  
D_4 : word := W#16#0;  
D_5 : word := W#16#0;  
D_6 : word := W#16#0;  
D_7 : word := W#16#0;  
D_8 : word := W#16#0;  
D_9 : word := W#16#0;  
D_10 : word := W#16#0;  
D_11 : word := W#16#0;  
D_12 : word := W#16#0;  
D_13 : word := W#16#0;  
D_14 : word := W#16#0;  
D_15 : word := W#16#0;  
D_16 : word := W#16#0;  
D_17 : word := W#16#0;  
D_18 : word := W#16#0;  
D_19 : word := W#16#0;  
D_20 : word := W#16#0;  
D_21 : word := W#16#0;  
D_22 : word := W#16#0;  
D_23 : word := W#16#0;  
D_24 : word := W#16#0;  
D_25 : word := W#16#0;  
D_26 : word := W#16#0;  
D_27 : word := W#16#0;  
D_28 : word := W#16#0;  
D_29 : word := W#16#0;  
D_30 : word := W#16#0;  
D_31 : word := W#16#0;  
D_32 : word := W#16#0;  
D_33 : word := W#16#0;  
D_34 : word := W#16#0;  
D_35 : word := W#16#0;  
D_36 : word := W#16#0;  
D_37 : word := W#16#0;  
D_38 : word := W#16#0;  
D_39 : word := W#16#0;  
D_40 : word := W#16#0;  
D_41 : word := W#16#0;  
D_42 : word := W#16#0;  
D_43 : word := W#16#0;  
D_44 : word := W#16#0;  
D_45 : word := W#16#0;  
D_46 : word := W#16#0;  
D_47 : word := W#16#0;  
D_48 : word := W#16#0;  
D_49 : word := W#16#0;  
D_50 : word := W#16#0;
```

```
D_51 : word := W#16#0;
D_52 : word := W#16#0;
D_53 : word := W#16#0;
D_54 : word := W#16#0;
D_55 : word := W#16#0;
D_56 : word := W#16#0;
D_57 : word := W#16#0;
D_58 : word := W#16#0;
D_59 : word := W#16#0;
D_60 : word := W#16#0;
D_61 : word := W#16#0;
D_62 : word := W#16#0;
D_63 : word := W#16#0;
END_STRUCT
BEGIN

END_DATA_BLOCK

DATA_BLOCK DB 55

STRUCT
  D_0 : word := W#16#0;
  D_1 : word := W#16#8000;
  D_2 : word := W#16#0;
  D_3 : word := W#16#0;
  D_4 : word := W#16#0;
  D_5 : word := W#16#0;
  D_6 : word := W#16#0;
  D_7 : word := W#16#0;
  D_8 : word := W#16#0;
  D_9 : word := W#16#0;
  D_10 : word := W#16#0;
  D_11 : word := W#16#0;
  D_12 : word := W#16#0;
  D_13 : word := W#16#0;
  D_14 : word := W#16#0;
  D_15 : word := W#16#0;
  D_16 : word := W#16#0;
  D_17 : word := W#16#0;
  D_18 : word := W#16#0;
  D_19 : word := W#16#0;
  D_20 : word := W#16#0;
  D_21 : word := W#16#0;
  D_22 : word := W#16#0;
  D_23 : word := W#16#0;
  D_24 : word := W#16#0;
  D_25 : word := W#16#0;
  D_26 : word := W#16#0;
  D_27 : word := W#16#0;
  D_28 : word := W#16#0;
  D_29 : word := W#16#0;
  D_30 : word := W#16#0;
  D_31 : word := W#16#0;
END_STRUCT
```

BEGIN

END_DATA_BLOCK

DATA_BLOCK DB 56

STRUCT

```
D_0 : word := W#16#0;  
D_1 : word := W#16#0;  
D_2 : word := W#16#0;  
D_3 : word := W#16#0;  
D_4 : word := W#16#0;  
D_5 : word := W#16#0;  
D_6 : word := W#16#0;  
D_7 : word := W#16#0;  
D_8 : word := W#16#0;  
D_9 : word := W#16#0;  
D_10 : word := W#16#0;  
D_11 : word := W#16#0;  
D_12 : word := W#16#0;  
D_13 : word := W#16#0;  
D_14 : word := W#16#0;  
D_15 : word := W#16#0;  
D_16 : word := W#16#0;  
D_17 : word := W#16#0;  
D_18 : word := W#16#0;  
D_19 : word := W#16#0;  
D_20 : word := W#16#0;  
D_21 : word := W#16#0;  
D_22 : word := W#16#0;  
D_23 : word := W#16#0;  
D_24 : word := W#16#0;  
D_25 : word := W#16#0;  
D_26 : word := W#16#0;  
D_27 : word := W#16#0;  
D_28 : word := W#16#0;  
D_29 : word := W#16#0;  
D_30 : word := W#16#0;  
D_31 : word := W#16#0;
```

END_STRUCT

BEGIN

END_DATA_BLOCK

DATA_BLOCK DB 100

STRUCT

```
D_0 : word := W#16#A;  
D_1 : word := W#16#19;  
D_2 : word := W#16#2D;  
D_3 : word := W#16#2010;  
D_4 : word := W#16#1200;  
D_5 : word := W#16#2600;
```

```
D_6 : word := W#16#2;  
D_7 : word := W#16#2;  
D_8 : word := W#16#1;  
D_9 : word := W#16#1;  
D_10 : word := W#16#1200;  
D_11 : word := W#16#2030;  
D_12 : word := W#16#1150;  
D_13 : word := W#16#1600;  
D_14 : word := W#16#1500;  
D_15 : word := W#16#2120;  
D_16 : word := W#16#3900;  
D_17 : word := W#16#700;  
D_18 : word := W#16#1600;  
D_19 : word := W#16#2120;  
D_20 : word := W#16#1200;  
D_21 : word := W#16#1200;  
D_22 : word := W#16#0;  
D_23 : word := W#16#FB;  
D_24 : word := W#16#3D;  
D_25 : word := W#16#0;  
D_26 : word := W#16#0;  
D_27 : word := W#16#0;  
D_28 : word := W#16#0;  
D_29 : word := W#16#0;  
D_30 : word := W#16#0;  
D_31 : word := W#16#0;  
D_32 : word := W#16#0;  
D_33 : word := W#16#0;  
D_34 : word := W#16#0;  
D_35 : word := W#16#0;  
D_36 : word := W#16#0;  
D_37 : word := W#16#0;  
D_38 : word := W#16#0;  
D_39 : word := W#16#0;  
D_40 : word := W#16#0;  
D_41 : word := W#16#0;  
D_42 : word := W#16#0;  
D_43 : word := W#16#0;  
D_44 : word := W#16#0;  
D_45 : word := W#16#0;  
D_46 : word := W#16#0;  
D_47 : word := W#16#0;  
D_48 : word := W#16#0;  
D_49 : word := W#16#0;  
D_50 : word := W#16#0;  
D_51 : word := W#16#1;  
D_52 : word := W#16#0;  
D_53 : word := W#16#0;  
D_54 : word := W#16#0;  
D_55 : word := W#16#0;  
D_56 : word := W#16#0;  
D_57 : word := W#16#0;  
D_58 : word := W#16#0;  
D_59 : word := W#16#0;  
D_60 : word := W#16#0;
```

```
D_61 : word := W#16#0;
D_62 : word := W#16#0;
D_63 : word := W#16#0;
D_64 : word := W#16#0;
D_65 : word := W#16#0;
D_66 : word := W#16#0;
D_67 : word := W#16#0;
D_68 : word := W#16#0;
D_69 : word := W#16#0;
D_70 : word := W#16#0;
D_71 : word := W#16#0;
D_72 : word := W#16#0;
D_73 : word := W#16#0;
D_74 : word := W#16#0;
D_75 : word := W#16#0;
D_76 : word := W#16#0;
D_77 : word := W#16#0;
D_78 : word := W#16#0;
D_79 : word := W#16#0;
D_80 : word := W#16#BB8;
D_81 : word := W#16#0;
D_82 : word := W#16#0;
D_83 : word := W#16#0;
D_84 : word := W#16#0;
D_85 : word := W#16#0;
D_86 : word := W#16#0;
D_87 : word := W#16#0;
D_88 : word := W#16#0;
D_89 : word := W#16#0;
D_90 : word := W#16#0;
D_91 : word := W#16#0;
D_92 : word := W#16#0;
D_93 : word := W#16#0;
D_94 : word := W#16#0;
D_95 : word := W#16#0;
D_96 : word := W#16#0;
D_97 : word := W#16#0;
D_98 : word := W#16#0;
D_99 : word := W#16#0;
END_STRUCT
BEGIN

END_DATA_BLOCK

DATA_BLOCK DB 120

STRUCT
  D_0 : word := W#16#0;
  D_1 : word := W#16#A;
  D_2 : word := W#16#0;
  D_3 : word := W#16#28;
  D_4 : word := W#16#0;
  D_5 : word := W#16#0;
  D_6 : word := W#16#0;
```

```
D_7 : word := W#16#100;  
D_8 : word := W#16#0;  
D_9 : word := W#16#390;  
D_10 : word := W#16#0;  
D_11 : word := W#16#0;  
D_12 : word := W#16#0;  
D_13 : word := W#16#190;  
D_14 : word := W#16#0;  
D_15 : word := W#16#0;  
D_16 : word := W#16#0;  
D_17 : word := W#16#0;  
D_18 : word := W#16#0;  
D_19 : word := W#16#0;  
D_20 : word := W#16#0;  
D_21 : word := W#16#0;  
D_22 : word := W#16#0;  
D_23 : word := W#16#0;  
D_24 : word := W#16#0;  
D_25 : word := W#16#0;  
D_26 : word := W#16#0;  
D_27 : word := W#16#0;  
D_28 : word := W#16#0;  
D_29 : word := W#16#0;  
D_30 : word := W#16#0;  
D_31 : word := W#16#0;  
D_32 : word := W#16#0;  
D_33 : word := W#16#0;  
D_34 : word := W#16#0;  
D_35 : word := W#16#0;  
D_36 : word := W#16#0;  
D_37 : word := W#16#0;  
D_38 : word := W#16#0;  
D_39 : word := W#16#0;  
D_40 : word := W#16#0;  
D_41 : word := W#16#0;  
D_42 : word := W#16#0;  
D_43 : word := W#16#0;  
D_44 : word := W#16#0;  
D_45 : word := W#16#0;  
D_46 : word := W#16#0;  
D_47 : word := W#16#0;  
D_48 : word := W#16#0;  
D_49 : word := W#16#0;  
D_50 : word := W#16#0;  
D_51 : word := W#16#0;  
D_52 : word := W#16#0;  
D_53 : word := W#16#0;  
D_54 : word := W#16#0;  
D_55 : word := W#16#0;  
D_56 : word := W#16#0;  
D_57 : word := W#16#0;  
D_58 : word := W#16#0;  
D_59 : word := W#16#0;  
D_60 : word := W#16#0;  
D_61 : word := W#16#0;
```

D_62 : word := W#16#0;
D_63 : word := W#16#0;
D_64 : word := W#16#0;
D_65 : word := W#16#0;
D_66 : word := W#16#0;
D_67 : word := W#16#0;
D_68 : word := W#16#0;
D_69 : word := W#16#0;
D_70 : word := W#16#0;
D_71 : word := W#16#0;
D_72 : word := W#16#0;
D_73 : word := W#16#0;
D_74 : word := W#16#0;
D_75 : word := W#16#0;
D_76 : word := W#16#0;
D_77 : word := W#16#0;
D_78 : word := W#16#0;
D_79 : word := W#16#0;
D_80 : word := W#16#0;
D_81 : word := W#16#0;
D_82 : word := W#16#0;
D_83 : word := W#16#0;
D_84 : word := W#16#0;
D_85 : word := W#16#0;
D_86 : word := W#16#0;
D_87 : word := W#16#0;
D_88 : word := W#16#0;
D_89 : word := W#16#0;
D_90 : word := W#16#0;
D_91 : word := W#16#0;
D_92 : word := W#16#0;
D_93 : word := W#16#0;
D_94 : word := W#16#0;
D_95 : word := W#16#0;
D_96 : word := W#16#0;
D_97 : word := W#16#0;
D_98 : word := W#16#0;
D_99 : word := W#16#0;
D_100 : word := W#16#0;
D_101 : word := W#16#0;
D_102 : word := W#16#0;
D_103 : word := W#16#0;
D_104 : word := W#16#0;
D_105 : word := W#16#0;
D_106 : word := W#16#0;
D_107 : word := W#16#0;
D_108 : word := W#16#0;
D_109 : word := W#16#0;
D_110 : word := W#16#0;
D_111 : word := W#16#0;
D_112 : word := W#16#0;
D_113 : word := W#16#0;
D_114 : word := W#16#0;
D_115 : word := W#16#0;
D_116 : word := W#16#0;

D_117 : word := W#16#0;
D_118 : word := W#16#0;
D_119 : word := W#16#0;
D_120 : word := W#16#0;
D_121 : word := W#16#0;
D_122 : word := W#16#0;
D_123 : word := W#16#0;
D_124 : word := W#16#0;
D_125 : word := W#16#0;
D_126 : word := W#16#0;
D_127 : word := W#16#0;
D_128 : word := W#16#0;
D_129 : word := W#16#0;
D_130 : word := W#16#0;
D_131 : word := W#16#0;
D_132 : word := W#16#0;
D_133 : word := W#16#0;
D_134 : word := W#16#0;
D_135 : word := W#16#0;
D_136 : word := W#16#0;
D_137 : word := W#16#0;
D_138 : word := W#16#0;
D_139 : word := W#16#0;
D_140 : word := W#16#0;
D_141 : word := W#16#0;
D_142 : word := W#16#0;
D_143 : word := W#16#0;
D_144 : word := W#16#0;
D_145 : word := W#16#0;
D_146 : word := W#16#0;
D_147 : word := W#16#0;
D_148 : word := W#16#0;
D_149 : word := W#16#0;
D_150 : word := W#16#0;
D_151 : word := W#16#0;
D_152 : word := W#16#0;
D_153 : word := W#16#0;
D_154 : word := W#16#0;
D_155 : word := W#16#0;
D_156 : word := W#16#0;
D_157 : word := W#16#0;
D_158 : word := W#16#0;
D_159 : word := W#16#0;
D_160 : word := W#16#0;
D_161 : word := W#16#0;
D_162 : word := W#16#0;
D_163 : word := W#16#0;
D_164 : word := W#16#0;
D_165 : word := W#16#0;
D_166 : word := W#16#0;
D_167 : word := W#16#0;
D_168 : word := W#16#0;
D_169 : word := W#16#0;
D_170 : word := W#16#0;
D_171 : word := W#16#0;

D_172 : word := W#16#0;
D_173 : word := W#16#0;
D_174 : word := W#16#0;
D_175 : word := W#16#0;
D_176 : word := W#16#0;
D_177 : word := W#16#0;
D_178 : word := W#16#0;
D_179 : word := W#16#0;
D_180 : word := W#16#0;
D_181 : word := W#16#0;
D_182 : word := W#16#0;
D_183 : word := W#16#0;
D_184 : word := W#16#0;
D_185 : word := W#16#0;
D_186 : word := W#16#0;
D_187 : word := W#16#0;
D_188 : word := W#16#0;
D_189 : word := W#16#0;
D_190 : word := W#16#0;
D_191 : word := W#16#0;
D_192 : word := W#16#0;
D_193 : word := W#16#0;
D_194 : word := W#16#0;
D_195 : word := W#16#0;
D_196 : word := W#16#0;
D_197 : word := W#16#0;
D_198 : word := W#16#0;
D_199 : word := W#16#0;
D_200 : word := W#16#0;
D_201 : word := W#16#0;
D_202 : word := W#16#0;
D_203 : word := W#16#0;
D_204 : word := W#16#0;
D_205 : word := W#16#0;
D_206 : word := W#16#0;
D_207 : word := W#16#0;
D_208 : word := W#16#0;
D_209 : word := W#16#0;
D_210 : word := W#16#0;
D_211 : word := W#16#0;
D_212 : word := W#16#0;
D_213 : word := W#16#0;
D_214 : word := W#16#0;
D_215 : word := W#16#0;
D_216 : word := W#16#0;
D_217 : word := W#16#0;
D_218 : word := W#16#0;
D_219 : word := W#16#0;
D_220 : word := W#16#0;
D_221 : word := W#16#0;
D_222 : word := W#16#0;
D_223 : word := W#16#0;
D_224 : word := W#16#0;
D_225 : word := W#16#0;
D_226 : word := W#16#0;

```
D_227 : word := W#16#0;
D_228 : word := W#16#0;
D_229 : word := W#16#0;
D_230 : word := W#16#0;
D_231 : word := W#16#0;
D_232 : word := W#16#0;
D_233 : word := W#16#0;
D_234 : word := W#16#0;
D_235 : word := W#16#0;
D_236 : word := W#16#0;
D_237 : word := W#16#0;
D_238 : word := W#16#0;
D_239 : word := W#16#0;
D_240 : word := W#16#0;
D_241 : word := W#16#0;
D_242 : word := W#16#0;
D_243 : word := W#16#0;
D_244 : word := W#16#0;
D_245 : word := W#16#0;
D_246 : word := W#16#0;
D_247 : word := W#16#0;
D_248 : word := W#16#0;
D_249 : word := W#16#0;
D_250 : word := W#16#0;
D_251 : word := W#16#0;
D_252 : word := W#16#0;
D_253 : word := W#16#0;
D_254 : word := W#16#0;
```

```
END_STRUCT
```

```
BEGIN
```

```
END_DATA_BLOCK
```

```
DATA_BLOCK DB 125
```

```
STRUCT
```

```
D_0 : word := W#16#0;
D_1 : word := W#16#0;
D_2 : word := W#16#0;
D_3 : word := W#16#0;
D_4 : word := W#16#0;
D_5 : word := W#16#0;
D_6 : word := W#16#0;
D_7 : word := W#16#0;
D_8 : word := W#16#0;
D_9 : word := W#16#0;
D_10 : word := W#16#0;
D_11 : word := W#16#0;
D_12 : word := W#16#0;
D_13 : word := W#16#0;
D_14 : word := W#16#0;
D_15 : word := W#16#0;
D_16 : word := W#16#0;
D_17 : word := W#16#0;
```

D_18 : word := W#16#0;
D_19 : word := W#16#0;
D_20 : word := W#16#0;
D_21 : word := W#16#0;
D_22 : word := W#16#0;
D_23 : word := W#16#0;
D_24 : word := W#16#0;
D_25 : word := W#16#0;
D_26 : word := W#16#0;
D_27 : word := W#16#0;
D_28 : word := W#16#0;
D_29 : word := W#16#0;
D_30 : word := W#16#0;
D_31 : word := W#16#0;
D_32 : word := W#16#0;
D_33 : word := W#16#0;
D_34 : word := W#16#0;
D_35 : word := W#16#0;
D_36 : word := W#16#0;
D_37 : word := W#16#0;
D_38 : word := W#16#0;
D_39 : word := W#16#0;
D_40 : word := W#16#0;
D_41 : word := W#16#0;
D_42 : word := W#16#0;
D_43 : word := W#16#0;
D_44 : word := W#16#0;
D_45 : word := W#16#0;
D_46 : word := W#16#0;
D_47 : word := W#16#0;
D_48 : word := W#16#0;
D_49 : word := W#16#0;
D_50 : word := W#16#0;
D_51 : word := W#16#0;
D_52 : word := W#16#0;
D_53 : word := W#16#0;
D_54 : word := W#16#0;
D_55 : word := W#16#0;
D_56 : word := W#16#0;
D_57 : word := W#16#0;
D_58 : word := W#16#0;
D_59 : word := W#16#0;
D_60 : word := W#16#0;
D_61 : word := W#16#0;
D_62 : word := W#16#0;
D_63 : word := W#16#0;
D_64 : word := W#16#0;
D_65 : word := W#16#0;
D_66 : word := W#16#0;
D_67 : word := W#16#0;
D_68 : word := W#16#0;
D_69 : word := W#16#0;
D_70 : word := W#16#0;
D_71 : word := W#16#0;
D_72 : word := W#16#0;

```
D_73 : word := W#16#0;  
D_74 : word := W#16#0;  
D_75 : word := W#16#0;  
D_76 : word := W#16#0;  
D_77 : word := W#16#0;  
D_78 : word := W#16#0;  
D_79 : word := W#16#0;  
D_80 : word := W#16#0;  
D_81 : word := W#16#0;  
D_82 : word := W#16#0;  
D_83 : word := W#16#0;  
D_84 : word := W#16#0;  
D_85 : word := W#16#0;  
D_86 : word := W#16#0;  
D_87 : word := W#16#0;  
D_88 : word := W#16#0;  
D_89 : word := W#16#0;  
D_90 : word := W#16#0;  
D_91 : word := W#16#0;  
D_92 : word := W#16#0;  
D_93 : word := W#16#0;  
D_94 : word := W#16#0;  
D_95 : word := W#16#0;  
D_96 : word := W#16#0;  
D_97 : word := W#16#0;  
D_98 : word := W#16#0;  
D_99 : word := W#16#0;  
D_100 : word := W#16#0;  
D_101 : word := W#16#0;  
D_102 : word := W#16#0;  
D_103 : word := W#16#0;  
D_104 : word := W#16#0;  
D_105 : word := W#16#0;  
D_106 : word := W#16#0;  
D_107 : word := W#16#0;  
D_108 : word := W#16#0;  
D_109 : word := W#16#0;  
D_110 : word := W#16#0;  
D_111 : word := W#16#0;  
D_112 : word := W#16#0;  
D_113 : word := W#16#0;  
D_114 : word := W#16#0;  
D_115 : word := W#16#0;  
D_116 : word := W#16#0;  
D_117 : word := W#16#0;  
D_118 : word := W#16#0;  
D_119 : word := W#16#0;  
D_120 : word := W#16#0;  
D_121 : word := W#16#0;  
D_122 : word := W#16#0;  
D_123 : word := W#16#0;  
D_124 : word := W#16#0;  
D_125 : word := W#16#0;  
D_126 : word := W#16#0;  
D_127 : word := W#16#0;
```

D_128 : word := W#16#0;
D_129 : word := W#16#0;
D_130 : word := W#16#0;
D_131 : word := W#16#0;
D_132 : word := W#16#0;
D_133 : word := W#16#0;
D_134 : word := W#16#0;
D_135 : word := W#16#0;
D_136 : word := W#16#0;
D_137 : word := W#16#0;
D_138 : word := W#16#0;
D_139 : word := W#16#0;
D_140 : word := W#16#0;
D_141 : word := W#16#0;
D_142 : word := W#16#0;
D_143 : word := W#16#0;
D_144 : word := W#16#0;
D_145 : word := W#16#0;
D_146 : word := W#16#0;
D_147 : word := W#16#0;
D_148 : word := W#16#0;
D_149 : word := W#16#0;
D_150 : word := W#16#0;
D_151 : word := W#16#0;
D_152 : word := W#16#0;
D_153 : word := W#16#0;
D_154 : word := W#16#0;
D_155 : word := W#16#0;
D_156 : word := W#16#0;
D_157 : word := W#16#0;
D_158 : word := W#16#0;
D_159 : word := W#16#0;
D_160 : word := W#16#0;
D_161 : word := W#16#0;
D_162 : word := W#16#0;
D_163 : word := W#16#0;
D_164 : word := W#16#0;
D_165 : word := W#16#0;
D_166 : word := W#16#0;
D_167 : word := W#16#0;
D_168 : word := W#16#0;
D_169 : word := W#16#0;
D_170 : word := W#16#0;
D_171 : word := W#16#0;
D_172 : word := W#16#0;
D_173 : word := W#16#0;
D_174 : word := W#16#0;
D_175 : word := W#16#0;
D_176 : word := W#16#0;
D_177 : word := W#16#0;
D_178 : word := W#16#0;
D_179 : word := W#16#0;
D_180 : word := W#16#0;
D_181 : word := W#16#0;
D_182 : word := W#16#0;

D_183 : word := W#16#0;
D_184 : word := W#16#0;
D_185 : word := W#16#0;
D_186 : word := W#16#0;
D_187 : word := W#16#0;
D_188 : word := W#16#0;
D_189 : word := W#16#0;
D_190 : word := W#16#0;
D_191 : word := W#16#0;
D_192 : word := W#16#0;
D_193 : word := W#16#0;
D_194 : word := W#16#0;
D_195 : word := W#16#0;
D_196 : word := W#16#0;
D_197 : word := W#16#0;
D_198 : word := W#16#0;
D_199 : word := W#16#0;
D_200 : word := W#16#0;
D_201 : word := W#16#0;
D_202 : word := W#16#0;
D_203 : word := W#16#0;
D_204 : word := W#16#0;
D_205 : word := W#16#0;
D_206 : word := W#16#0;
D_207 : word := W#16#0;
D_208 : word := W#16#0;
D_209 : word := W#16#0;
D_210 : word := W#16#0;
D_211 : word := W#16#0;
D_212 : word := W#16#0;
D_213 : word := W#16#0;
D_214 : word := W#16#0;
D_215 : word := W#16#0;
D_216 : word := W#16#0;
D_217 : word := W#16#0;
D_218 : word := W#16#0;
D_219 : word := W#16#0;
D_220 : word := W#16#0;
D_221 : word := W#16#0;
D_222 : word := W#16#0;
D_223 : word := W#16#0;
D_224 : word := W#16#0;
D_225 : word := W#16#0;
D_226 : word := W#16#0;
D_227 : word := W#16#0;
D_228 : word := W#16#0;
D_229 : word := W#16#0;
D_230 : word := W#16#0;
D_231 : word := W#16#0;
D_232 : word := W#16#0;
D_233 : word := W#16#0;
D_234 : word := W#16#0;
D_235 : word := W#16#0;
D_236 : word := W#16#0;
D_237 : word := W#16#0;

```
D_238 : word := W#16#0;
D_239 : word := W#16#0;
D_240 : word := W#16#0;
D_241 : word := W#16#0;
D_242 : word := W#16#0;
D_243 : word := W#16#0;
D_244 : word := W#16#0;
D_245 : word := W#16#0;
D_246 : word := W#16#0;
D_247 : word := W#16#0;
D_248 : word := W#16#0;
D_249 : word := W#16#0;
D_250 : word := W#16#0;
D_251 : word := W#16#0;
D_252 : word := W#16#0;
D_253 : word := W#16#0;
D_254 : word := W#16#0;
END_STRUCT
BEGIN

END_DATA_BLOCK

DATA_BLOCK DB 127

STRUCT
  D_0 : word := W#16#0;
  D_1 : word := W#16#46;
  D_2 : word := W#16#104;
  D_3 : word := W#16#41;
  D_4 : word := W#16#FA;
  D_5 : word := W#16#41;
  D_6 : word := W#16#109;
  D_7 : word := W#16#32;
  D_8 : word := W#16#12C;
  D_9 : word := W#16#64;
  D_10 : word := W#16#11D;
  D_11 : word := W#16#50;
  D_12 : word := W#16#BE;
  D_13 : word := W#16#3C;
  D_14 : word := W#16#FA;
  D_15 : word := W#16#AA;
  D_16 : word := W#16#11D;
  D_17 : word := W#16#50;
  D_18 : word := W#16#BE;
  D_19 : word := W#16#37;
  D_20 : word := W#16#11D;
  D_21 : word := W#16#FA;
  D_22 : word := W#16#5A;
  D_23 : word := W#16#0;
  D_24 : word := W#16#0;
  D_25 : word := W#16#7D;
  D_26 : word := W#16#0;
  D_27 : word := W#16#5;
  D_28 : word := W#16#78;
```

D_29 : word := W#16#5;
D_30 : word := W#16#5;
D_31 : word := W#16#6E;
D_32 : word := W#16#78;
D_33 : word := W#16#5A;
D_34 : word := W#16#122;
D_35 : word := W#16#12C;
D_36 : word := W#16#50;
D_37 : word := W#16#C8;
D_38 : word := W#16#78;
D_39 : word := W#16#5;
D_40 : word := W#16#D2;
D_41 : word := W#16#15E;
D_42 : word := W#16#14;
D_43 : word := W#16#32;
D_44 : word := W#16#15E;
D_45 : word := W#16#14A;
D_46 : word := W#16#1E;
D_47 : word := W#16#0;
D_48 : word := W#16#0;
D_49 : word := W#16#0;
D_50 : word := W#16#0;
D_51 : word := W#16#0;
D_52 : word := W#16#0;
D_53 : word := W#16#0;
D_54 : word := W#16#0;
D_55 : word := W#16#0;
D_56 : word := W#16#0;
D_57 : word := W#16#0;
D_58 : word := W#16#0;
D_59 : word := W#16#0;
D_60 : word := W#16#0;
D_61 : word := W#16#0;
D_62 : word := W#16#0;
D_63 : word := W#16#0;
D_64 : word := W#16#0;
D_65 : word := W#16#0;
D_66 : word := W#16#0;
D_67 : word := W#16#0;
D_68 : word := W#16#0;
D_69 : word := W#16#0;
D_70 : word := W#16#0;
D_71 : word := W#16#0;
D_72 : word := W#16#0;
D_73 : word := W#16#0;
D_74 : word := W#16#0;
D_75 : word := W#16#0;
D_76 : word := W#16#0;
D_77 : word := W#16#0;
D_78 : word := W#16#0;
D_79 : word := W#16#2710;
D_80 : word := W#16#0;
D_81 : word := W#16#0;
D_82 : word := W#16#0;
D_83 : word := W#16#0;


```
D_84 : word := W#16#0;
D_85 : word := W#16#0;
D_86 : word := W#16#0;
D_87 : word := W#16#0;
D_88 : word := W#16#0;
D_89 : word := W#16#0;
D_90 : word := W#16#0;
D_91 : word := W#16#0;
D_92 : word := W#16#0;
D_93 : word := W#16#0;
D_94 : word := W#16#0;
D_95 : word := W#16#0;
D_96 : word := W#16#0;
D_97 : word := W#16#0;
D_98 : word := W#16#0;
D_99 : word := W#16#0;
D_100 : word := W#16#0;
D_101 : word := W#16#46;
D_102 : word := W#16#104;
D_103 : word := W#16#41;
D_104 : word := W#16#FA;
D_105 : word := W#16#41;
D_106 : word := W#16#109;
D_107 : word := W#16#32;
D_108 : word := W#16#12C;
D_109 : word := W#16#A0;
D_110 : word := W#16#11D;
D_111 : word := W#16#50;
D_112 : word := W#16#BE;
D_113 : word := W#16#3C;
D_114 : word := W#16#FA;
D_115 : word := W#16#AA;
D_116 : word := W#16#11D;
D_117 : word := W#16#50;
D_118 : word := W#16#BE;
D_119 : word := W#16#37;
D_120 : word := W#16#11D;
D_121 : word := W#16#FA;
D_122 : word := W#16#5A;
D_123 : word := W#16#0;
D_124 : word := W#16#0;
D_125 : word := W#16#7D;
D_126 : word := W#16#0;
D_127 : word := W#16#5;
D_128 : word := W#16#78;
D_129 : word := W#16#5;
D_130 : word := W#16#5;
D_131 : word := W#16#6E;
D_132 : word := W#16#78;
D_133 : word := W#16#5A;
D_134 : word := W#16#122;
D_135 : word := W#16#12C;
D_136 : word := W#16#50;
D_137 : word := W#16#C8;
D_138 : word := W#16#78;
```

D_139 : word := W#16#5;
D_140 : word := W#16#D2;
D_141 : word := W#16#15E;
D_142 : word := W#16#14;
D_143 : word := W#16#32;
D_144 : word := W#16#15E;
D_145 : word := W#16#136;
D_146 : word := W#16#1E;
D_147 : word := W#16#0;
D_148 : word := W#16#0;
D_149 : word := W#16#0;
D_150 : word := W#16#0;
D_151 : word := W#16#0;
D_152 : word := W#16#0;
D_153 : word := W#16#0;
D_154 : word := W#16#0;
D_155 : word := W#16#0;
D_156 : word := W#16#0;
D_157 : word := W#16#0;
D_158 : word := W#16#0;
D_159 : word := W#16#0;
D_160 : word := W#16#0;
D_161 : word := W#16#0;
D_162 : word := W#16#0;
D_163 : word := W#16#0;
D_164 : word := W#16#0;
D_165 : word := W#16#0;
D_166 : word := W#16#0;
D_167 : word := W#16#0;
D_168 : word := W#16#0;
D_169 : word := W#16#0;
D_170 : word := W#16#3E8;
D_171 : word := W#16#0;
D_172 : word := W#16#7530;
D_173 : word := W#16#0;
D_174 : word := W#16#0;
D_175 : word := W#16#0;
D_176 : word := W#16#0;
D_177 : word := W#16#0;
D_178 : word := W#16#0;
D_179 : word := W#16#0;
D_180 : word := W#16#1;
D_181 : word := W#16#2;
D_182 : word := W#16#0;
D_183 : word := W#16#2;
D_184 : word := W#16#0;
D_185 : word := W#16#0;
D_186 : word := W#16#0;
D_187 : word := W#16#0;
D_188 : word := W#16#0;
D_189 : word := W#16#0;
D_190 : word := W#16#0;
D_191 : word := W#16#0;
D_192 : word := W#16#0;
D_193 : word := W#16#0;

D_194 : word := W#16#0;
D_195 : word := W#16#0;
D_196 : word := W#16#0;
D_197 : word := W#16#0;
D_198 : word := W#16#0;
D_199 : word := W#16#0;
D_200 : word := W#16#0;
D_201 : word := W#16#46;
D_202 : word := W#16#A;
D_203 : word := W#16#A;
D_204 : word := W#16#0;
D_205 : word := W#16#0;
D_206 : word := W#16#1E;
D_207 : word := W#16#0;
D_208 : word := W#16#0;
D_209 : word := W#16#0;
D_210 : word := W#16#0;
D_211 : word := W#16#0;
D_212 : word := W#16#0;
D_213 : word := W#16#0;
D_214 : word := W#16#0;
D_215 : word := W#16#0;
D_216 : word := W#16#0;
D_217 : word := W#16#0;
D_218 : word := W#16#0;
D_219 : word := W#16#0;
D_220 : word := W#16#0;
D_221 : word := W#16#46;
D_222 : word := W#16#A;
D_223 : word := W#16#A;
D_224 : word := W#16#0;
D_225 : word := W#16#0;
D_226 : word := W#16#1E;
D_227 : word := W#16#0;
D_228 : word := W#16#0;
D_229 : word := W#16#0;
D_230 : word := W#16#0;
D_231 : word := W#16#0;
D_232 : word := W#16#0;
D_233 : word := W#16#0;
D_234 : word := W#16#F;
D_235 : word := W#16#0;
D_236 : word := W#16#F;
D_237 : word := W#16#0;
D_238 : word := W#16#5;
D_239 : word := W#16#0;
D_240 : word := W#16#0;
D_241 : word := W#16#46;
D_242 : word := W#16#0;
D_243 : word := W#16#4000;
D_244 : word := W#16#0;
D_245 : word := W#16#0;
D_246 : word := W#16#11;
D_247 : word := W#16#8000;
D_248 : word := W#16#0;

```
D_249 : word := W#16#64;  
D_250 : word := W#16#0;  
D_251 : word := W#16#2CCC;  
D_252 : word := W#16#0;  
D_253 : word := W#16#50;  
D_254 : word := W#16#0;  
END_STRUCT  
BEGIN  
  
END_DATA_BLOCK
```